

Sheffield poly staff to lose jobs

by David Jobbins
Some Sheffield City Polytechnic staff are to lose their jobs as part of a package of compulsory redundancies.

For the first time, it was confirmed that redundancies are being discussed this week although how many was not immediately clear. The principal, the Rev Dr George Tulley, dismissed speculation that it was as many as 120. Of the £400,000 cut which is faced by the polytechnic, about £175,000 must come out of the staffing budget.

While some polytechnics are paying to the tune of other directors, Sheffield is set to grasp the nettle in an effort to strengthen their long-

term future of the polytechnic. Even these polytechnic directors who have elected to go for freedom at vacancies, early retirement, and voluntary redundancy acknowledge they may be storing up problems for the future.

Dr Tulley said: "Although we are facing a cut which is less in cash and proportion than other polytechnics, we are trying to do it with a longer term view."

"At the moment we are discussing compulsory redundancies for the first time. Compulsory redundancies are now on the table for negotiation."

"The short-term an-off cut is just a palliative. What we need to do is plan our courses and staffing

for the longer term."

Meanwhile union leaders were expecting the North East London Polytechnic would be brought to a standstill when staff met to consider action against threatened redundancies there. The steering was called by the polytechnic's joint union committee in protest at cuts of £3m phased over 1980-81 and 1981-82.

Staff fear up to 140 jobs may go in 1981-82, and Miss Jenni Kuczek, assistant secretary for higher education for the National Association of Teachers in Further and Higher Education, told them they should resist forcibly.

At Brighton Polytechnic, which

faces a £750,000 cut equivalent to a loss of 1 per cent, it is admitted that it will be extremely difficult to make the savings required by East Sussex County Council without hitting staffing.

A thorough investigation of staffing levels is being carried out to make sure that a reduction in the size of the establishment will cause the least damage to the polytechnic's academic work.

NATFHE's executive is meeting this weekend to prepare a strategy to combat attempts to use premature retirement and similar schemes to avoid making proper redundancy declarations in accordance with the national agreement which requires one year's notice.

Funds plan 'height of madness'

There were mixed reactions to the Government's new proposal to allow student union funds to be used for non-academic purposes.

Describing the proposal as the "height of madness", Mr. Sapper, general secretary of the Association of University Students, said the union had already been asked to contribute to the cost of the student union's own buildings.

There was already a strong feeling that the Government was quite deliberately a totally far call on those resources.

The proposal was seen as a way of forcing the student union to contribute to the cost of the student union's own buildings.

The proposal was seen as a way of forcing the student union to contribute to the cost of the student union's own buildings.

Academics asked to back strike

The Sheffield branch of the Association of University Teachers is to discuss a motion calling for financial support for striking steelmen.

An action group supporting the strike has written to all unions in Sheffield asking for help and the AUT committee has deferred a decision but referred it to a general meeting.

Although the AUT nationally is affiliated to the Trades Union Congress, it is unlikely that Sheffield members will agree to send a donation.



Sir Michael Swann, chairman of the BBC and provost-elect of Oriel College, Oxford, heads the team setting up the centre.

Trust provides cash for technical study centre

The Leverhulme Trust has agreed to provide £1,500,000 over five years to establish an independent Centre for the Analysis of Technical Change (CATC).

This follows discussions with the Social Science and Science Research Councils who have already approved the project and undertaken to support it for 10 years.

The new centre will produce analyses and suggest policies which will be independent of, but complementary to, those generated by government, industry and other interest groups. Emphasis will be given to policy issues related to the use of resources, technological change and scientific development.

The chairman of the proposed governing committee and the executive director of the centre will be Sir Michael Swann, chairman of the BBC and provost-elect of Oriel College, Oxford.

This governing board will consist of members from the three main

sponsors, from both sides of industry and from government and academic science. The director of the centre, who has yet to be appointed, will also be on the board and will have a staff of two or three assistant directors responsible for the work of research teams.

Altogether there will be about 20 professional and 10 supporting staff. The majority of the professional staff will be on secondment or will have joint appointments with universities, government establishments or companies.

The two research councils have each agreed to contribute £525,000 over the first five years starting in 1980-81, building up over that period from £250,000 in the first year to £525,000 in 1984-85. Subject to a satisfactory review of the centre's programme after five years they will commit more money for a further five years at the level of £250,000 a year or £1,250,000 over the period as a whole.

Drop in awards for overseas students

A drop of 30 per cent in the number of new awards to be made by the Overseas Development Administration for 1980-81, partly due to rises in overseas student fees, is forecast in a memorandum submitted to a select committee on foreign affairs overseas development sub-committee.

This was noted that 3,000 fewer students than last year could be funded by the ODA whose estimated budget for 1980-81 has only risen from £22m to £24m. Of these 1,500 or more students would be directly affected by the rise in overseas student fees.

Mr William Dodd, chief education adviser, giving evidence for the ODA, said that it was making a study both of the effect of the fees rise in higher education institutions and the implications for its training aid programme, but no paper on the subject had been produced.

But he added that it was very difficult to make contingency plans as it was not clear exactly what would happen and what the effects would be.

He pointed out that he had gained some reactions to the increase during a recent visit to South East Asia. Some countries would continue sending their students to the United Kingdom as long as institutions provided the goods, but others would send students to Australia and New Zealand. Some thought that they would be forced to use cheaper sources and others proposed to send their students home earlier so that they could benefit from local educational grants.

Pressed by MPs as to whether a rise in the political implications of the rise might have, had been made Mr Dodd said that the ODA was not a political body and its role was to provide financial aid.

Kirklees pushes poly takeover

Kirklees Council has called out its three to seek power from Mr Mark Carlisle, Secretary of State for Education, to take over day-to-day running of Huddersfield Polytechnic for at least a year.

Talks to resolve the major row over alleged misadministration have foundered on governors' insistence that the council, Mr Ken Durand, should take part.

What was to have been the first formal meeting between the five governors given power to act, and council members, broke down after more than four hours of talks.

Mr Durand left the meeting after 30 minutes and both sides held separate talks. Messengers carried their views from one group to the other. The talks finally failed when Mr Durand rejected his fellow governors and the council.

The allegations arise from an audit report by Kirklees' director of finance, Mr Peter Sharnett. The five governors, including Mr Durand, had been nominated to act over the issue by a special meeting on December 20. It was not until January 4 that Kirklees took a decision which would buy student and staff representatives, including Mr Durand, from the talks.

The council's three party groups, the deputy Tory and Labour leaders, are adamant that local discussions cannot take place outside criticism of polytechnic staff when any member of that staff is present.

In a statement they said that they deeply regretted the breakdown and would continue to work for a constructive joint investigation of the allegations.

The council's three party groups, the deputy Tory and Labour leaders, are adamant that local discussions cannot take place outside criticism of polytechnic staff when any member of that staff is present.

Drop in awards for overseas students

A drop of 30 per cent in the number of new awards to be made by the Overseas Development Administration for 1980-81, partly due to rises in overseas student fees, is forecast in a memorandum submitted to a select committee on foreign affairs overseas development sub-committee.

This was noted that 3,000 fewer students than last year could be funded by the ODA whose estimated budget for 1980-81 has only risen from £22m to £24m. Of these 1,500 or more students would be directly affected by the rise in overseas student fees.

Mr William Dodd, chief education adviser, giving evidence for the ODA, said that it was making a study both of the effect of the fees rise in higher education institutions and the implications for its training aid programme, but no paper on the subject had been produced.

But he added that it was very difficult to make contingency plans as it was not clear exactly what would happen and what the effects would be.

He pointed out that he had gained some reactions to the increase during a recent visit to South East Asia. Some countries would continue sending their students to the United Kingdom as long as institutions provided the goods, but others would send students to Australia and New Zealand. Some thought that they would be forced to use cheaper sources and others proposed to send their students home earlier so that they could benefit from local educational grants.

Pressed by MPs as to whether a rise in the political implications of the rise might have, had been made Mr Dodd said that the ODA was not a political body and its role was to provide financial aid.

Firecroft tutors demand reinstatement

Four tutors who were made redundant after Blackcroft residential college in Bradford was closed in 1975 will not be reinstated when the college reopens this autumn.

The new governing body, which will shortly be advertising for tutorial staff following the appointment of a new principal, says that the question of reinstatement does not arise as the reopening of the college marks an entirely new beginning.

Firecroft was closed nearly five years ago following student unrest. A government inquiry subsequently recommended the reinstatement of former principal Tony Corfield and the four full-time tutors, who were made redundant.

Now the four tutors, backed by their union the Association of Scientific, Technical and Managerial Staffs, were written to the chairman of the new governing body, the Reverend Paul Clifford, asking for their jobs back.

The four former senior tutors, Harry Newton, Trevor Blackwell, Bob Milson and Terry Murphy, claim the college has a moral duty to reinstate them as new teaching work will be available. They also feel that reinstatement will assist their careers.

The governors overruled the tutors' demand and have instead closed the college and had it taken over by their two staff colleges, said Trevor Blackwell.

"Our feeling is that that was very unfair and that it has left all four tutors under something of a cloud."

The chairman of the new governing body, Mr Clifford, says that the four tutors are welcome to apply for the three posts being advertised but that they will be no question of reinstatement.

"The whole question of the dispute that led to the redundancies is nothing whatsoever to do with the college."

The tutors' bid for reinstatement is being supported by the National Union of Students, the Society of Industrial Tutors and the Campaign for Academic Freedom and ASIMS.

Workers will hours cut

This 25,000 manual workers' union is planning to strike against the universities which have agreed to cut public sector wages by 5 per cent.

The union is planning to strike against the universities which have agreed to cut public sector wages by 5 per cent.

NEXT WEEK

Rudolf Klein on social policy
Beginnings of the AUT
Bernard Crik on the Greeks
Four pages of sociology book reviews
Dennis Welland reviews
London Yankers

V-Cs demand final say on courses

by John O'Leary
Universities would not necessarily cooperate with the Department of Education and Science in a "broad steer" of the subject balance in higher education, vice-chancellors told the Select Committee on Education this week.

The DRS view was only one to be taken into consideration in course planning, Sir Alec Morrison, chairman of the Committee of Vice-Chancellors and Principals said. "We do not regard the DRS as the final word on the subject," he said, adding that the universities would want to look closely at any proposals before deciding on their attitudes.

In a paper to the committee, the CVCP said that universities did not have the right to pursue their self-interest but should determine the national interest and act on it.

The vice-chancellors were also reluctant to judge the quality of engineering to build up the proportion of working-class students. To depart from judgment based on applicants' performance to provide a different class hierarchy would be to run an inane game.

Universities courses and even whole institutions are likely to begin to close next year as a direct result of the introduction of full-cost fees for overseas students, the vice-chancellors told the committee.

Sir Alec denied that universities were being

planned about the effects of the new fees: "It is all very well to take the detached view but we have to deal with the course which is bleeding to death in front of our eyes," he said.

Some 15 courses are expected to close in October, 1981, at the University of Manchester Institute of Science and Technology and at Oxford University. An opinion survey has revealed that postgraduate numbers from abroad might fall by up to 40 per cent. The university is planning to reduce the number of postgraduate students by up to 20 per cent.

Polytechnic directors agreed that the impact of the fee increases would be quite enormous unless the same number of overseas students could be recruited, which was unlikely. The worst effects would probably be felt in London and in the north east.

The Committee of Directors of Polytechnics also put sweeping proposals for changes in the management of higher education. They advocated the replacement of local authority funding of polytechnics by the Department of Education, the establishment of a national body to plan the whole of higher education and the granting of royal charters to enable some polytechnics to award their own degrees.

The submission by CDP also called into question the contribution of the colleges of higher education, which, it said, had no distinctive role and had diluted the polytechnics' well established regional role.

In their most revolutionary proposal the directors said: "The radical step should now be taken to remove from the polytechnics the parochial constraints which are a relic of distant practices and vested interests."

It was time to recognize the impossibility of local authorities either individually or collectively acting as arbiters of national needs for industry and commerce. It would seem logical, the directors said, for the Department of Education to remove the local authority contribution joining in partnership with the DRS so that national funding of polytechnics can be directed towards national purposes.

Officers of the Association of Principals of Colleges, who also gave evidence to the select committee, were sympathetic to the proposal in that it might provide desirable closer links with industry, although they thought their institutions might be keener to retain some local links.

The APC representatives also asked the polytechnic directors' desire for national planning at higher education. The CDP said the "coupling of the polytechnics with the colleges in a national body with academic credibility and knowledge of other fields to look at the whole range of courses and make judgments on their values. The University Grants Committee had no direct remit for overall planning of the university system and a body straddling the binary line was desirable.

UGC told to discuss funding

by Nigam Creque
The Select Committee on Education has asked the University Grants Committee to give further consideration to the idea of a national body which would fund both the universities and polytechnics.

There have been private talks between the two committees on the subject since Dr. P. Dwyer, secretary of the UGC, said he would help to solve the problem of trying to advise on higher education when the UGC knew little of what was going on in the public sector.

Although the select committee is not necessarily endorsing the idea of a national funding body, and this is only one of a series of follow-up questions it has put to the UGC, it does seem that the committee is becoming more sympathetic to the idea.

The universities have been asked to say what their strengths and weaknesses are, and if the financial situation is getting worse, which areas they want to be protected.

Universities are now trying to meet the challenge of finding ways of raising their income and of departmental income in an attempt to save money. At Lancaster there is a department by department examination of costs and the question of possible amalgamations has been raised with staff.

At the University of Manchester Institute of Science and Technology a plan of cuts will be discussed by the Academic Board. This includes a suggestion that the number of demonstrators and industrial technicians be reduced by 10 per cent.

Another recommendation would be that the filling of appointments would be delayed for six months.

At Bristol, budgets for all departments have been cut by 10 per cent.

National redundancy rules considered

by David Jobbins
Negotiations to draw up a new national agreement covering early retirement and redundancies in colleges and polytechnics may be reopened after a three-year lull following talks this week between union leaders and local education authority representatives.

The new talks come from the National Association of Teachers in Further and Higher Education and reports that several education authorities were drawing up individual early retirement schemes on attractive terms which in some cases could displace redundancies.

"Lancaster has written to all its lecturers over the age of 53 offering them the chance of retiring early with the pension they would have expected at 60. The scheme is expected to be taken up by substantial numbers at staff at least £200,000 by not replacing staff who leave."

Middlesex Polytechnic has introduced a similar scheme for staff aged over 50 in an effort to cope with a £2.4m cut in its spending. The scheme was agreed at the first meeting of the new National Polytechnic Association for considering compulsory redundancies for teaching staff.

Leaders of the public sector lecturers' union are seeking urgent assurances from the local authority employers on "careless redundancy procedures."



They fear there may be "rogue" authorities who will not adhere strictly to the terms of the 1975 model redundancy agreement if lecturers' jobs have to be shed.

City may have to sell college to meet cutback in cash

by Paul Flather
Liverpool City Council may be forced to mortgage or even sell one of its colleges of higher education to meet a £1,870,000 cutback on higher education.

College heads have been asked to examine "every means" in which money may be saved and the chairman of the city's education committee, Mr Sydney James, has called for detailed estimates of the value of higher education colleges in the city.

Meanwhile, councillors, education officers and college heads, have united in a bitter attack on the Department of Education and Science. They are angry at the way the city has been asked to make a 13 per cent cut in its budget for higher education for 1980-81 of £2,644,000. The cutback comes

because of the Government's new ceiling on the higher education pool.

"They say the calculations were 'crude' and 'unjust' and penalized the city for being economic in the past. Most other local authorities, they say, are faced with cutbacks of between 5 and 10 per cent."

Mr Sydney James said: "Clearly to sell off the city and premises of one of our colleges would be a unjust step. But there is no way out of this one. We are committed or present to a policy of no redundancies and we hope we won't have to change that. One of the options must be to merge some of the colleges."

Mr James was chairman of a working-party which examined the question of whether the City of Liverpool should be asked to make a 13 per cent cut in its budget for higher education for 1980-81 of £2,644,000. The cutback comes

British Council faces further £3.9m cut

The Foreign and Commonwealth Office has told the British Council to expect a further £3.9m budget cut over the next three years, bringing its total spending reduction to 20 per cent.

The new cut follows an 'inter-departmental Government inquiry into the council's work and is bound to result in a drastic curtailment of all its activities and the loss of posts.

Areas at risk include the academic exchange programme, the provision of books and periodicals to overseas libraries and the sale of British educational goods overseas. Most of these activities have already suffered in previous spending reductions announced last year.

The combined effect of the new cuts with the old mean that the council's budget of £46.6m will drop to £37.5m. Some overseas offices may have to close as a result.

Contents

THE POLITICAL QUARTERLY

At the crossroads. David Walker assesses the Fabian journal on its fiftieth birthday. 7

Social Policy Man
Rudolf Klein argues that the time has come for students of social policy to temper idealism with pragmatism. 11

London Yankers
Dennis Welland reviews 'London Yankers' by Stanley Weintraub. 12

The Greeks
"The telos of the Royal Shakespeare Company's evolution has been 'The Greeks'". Bernard Crik reviews the marathon production. 10

Rolle College
John O'Leary continues his series of articles on colleges at risk. This week he reports from Devon. 7

Sociology Books
Philip Abrams and Julius Gould contribute to four pages of sociology book reviews. 14-17

North American news 5
Overseas news 6
Books 12-17
Noticeboard 18

Opinion
AUT column
Science in America
Don's Diary
Dietrich
Laurie Taylor 26

Leaders: the need for a national body for the public sector, higher education and the community
William Taylor 27

Law graduates begin to feel the pinch

by Paul Flather

Law graduates face growing financial hardship in their aim to become solicitors and barristers. A new report published by the Association of Graduate Careers Advisory Services this week shows that more than a fifth of law graduates are receiving grants which are less than the mandatory awards set out in statute, and almost 10 per cent received no grant at all in 1979.

Grants for law students taking their final year professional exams or their preliminary common law professional exams are at present given at the discretion of local education authorities.

Dorset is one authority which has already decided not to give any more grants to law graduates as part of a general expenditure cut-back, and other local authorities may follow suit.

The report, based on a survey of almost 900 law graduates, reveals

that 166 (18.9 per cent) received a full grant, a further 524 (59.8 per cent) received a grant adjusted according to parental income. Some 81 students (9.3 per cent) received no grant and 97 (11.1 per cent) received some money, but less than the "full" level. Most relied on support from parents and relatives and on savings to see them through the courses.

The problem of "poverty" did not ease off once law graduates had qualified and been taken on as articled clerks, the report goes on. More than two thirds were paid less than £2,250 a year—sometimes more than £1,000 less than fellow graduates working in industry or commerce, and this came after an extra year of full time study.

But those who managed to find work in the public sector in local government and the magistrature—less than 10 per cent—were paid considerably more.

Questionnaires were sent out to more than 1,500 law graduates in April 1979 and the report was compiled by Mr Brian Read, Careers adviser at Sheffield University.

"This is the first time such figures have been collected and they show clearly that some students must be put off these courses if they cannot rely on sufficient backing. If you put up a series of obstacles which are easier for those with money to jump over, it would be unusual if they did not work in favour of the better off," he said.

All those who got on to these courses should be entitled to grants. But with local authorities faced by all sorts of financial constraints, it must be very tempting for them to cut more of these discretionary awards," he said.

The Law Society, the Council for Legal Education, which together represent barristers and solicitors,

and the careers advisory service, all made unsuccessful representations to the Government to include a provision in the new Education Bill allowing grants to be made—if necessary—by the DES.

Mr Christopher Snowling, secretary of the Law Society said some authorities had already decided to stop giving grants to law graduates. "But what is worrying is what will be put in place for education and training in the next year," he said.

Avon had made only a limited number of discretionary awards, Oxford were paying fees only, Northamptonshire were paying reduced fees and maintenance grant, and Cumbria and Leicestershire were among a number paying reduced maintenance grants.

Becoming a Solicitor, the Association of Graduate Careers Advisory Services, University of Sheffield, Sheffield (price £1 post free).

How a spy came back out of the cold

by Ngalo Crequer

The meeting of convocation at the University of London had probably never seen or heard anything quite like this. Called upon to discuss whether self-confessed spy Antony Blunt should keep his emeritus professorship, convocation resembled a cross between a Derby and Joan club and a boisterous student union meeting on freedom of speech.

For some weeks beforehand those that take the £2 necessary to record law membership of the organization had been kept busy by new members wanting to take part in the great debate.

The press filled up a bench on the front. The BBC took comfort in a lion on film the evening by catching people as they arrived and the university information officer was grateful it was not the weekend the rugby team was playing. The only thing missing of course, was the star, Professor Blunt, and he was not allowed as he is not a member of convocation.

Probably the hoppiest man was Dr G. E. Hunt, senior research fellow at the department of physics and astronomy, University College, who did a good warm-up job with his talk on "Exploration of the Solar System: the Earth in Perspective". But soon the debate began in earnest and the names of Blunt, Stiller, Nixon, Nunn May, Vassall and Blingham were variously used to back up argument of moda a point.

Professor Peter Lindsay, of King's College, who had to read his way through a list of names, put forward the motion against Blunt. "He betrayed his country for the most anti-social, anti-working class, anti-human ruling clique sitting in

Moscow." What if he had betrayed us for Hitler, not Stalin. It was the selective rage for which we should have contempt, he said.

"What about Nixon?" cried someone. "He was on our side" came the reply to general puzzlement.

A Miss Rivington, of the faculty of theology, spoke up against. She had been in the war office for a time, military intelligence and then, of course there were things that could not be revealed. But now the scandal was out.

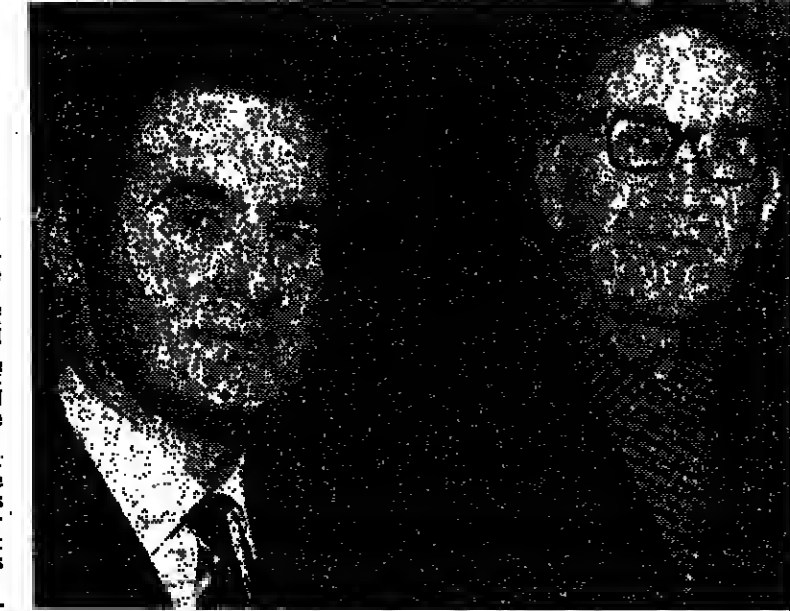
And what had happened made it obvious to her "that he gave more information to this country by his service than ever he did the other boen done for this country but it was, much good, probably, has cannot be revealed."

Dr Amphlett Micklewright decided now was the time, at the age of 70, to make his maiden speech. He was against the motion. We were being led to make up our minds on hearsay, on Mr Boyle's book and on "extraordinary" interview with a dying man ("and on his own confession," shouted someone).

If Professor Blunt had committed an offence we were for a judge to say, he said, bringing some majesty to the proceedings with his succinct summary: "It is a bad principle to impose an academic penalty for a non-academic offence."

At this stage there was a complaint that speakers were being called in too random a manner. Should there not be one speaker for, and one against. While this was considered, one lady, put out of her senses by the noise, asked: "How do I stand I have not made up my mind?" I suggest you might prefer to be seated until you have made up your mind," replied the chairman.

The speeches continued. One man



Professor Peter Lindsay (right) and Mr Peter Waters leave London University's convocation meeting last week after their motion to strip St Anthony Blunt of his Emeritus Professorship was defeated by 246 votes to 147.

suggested that if Nunn May had made public his information through a scientific journal rather than on embassy, he would have escaped censure.

Eventually the still undecided, but determined lady from Oxford, revealed as Miss Betty Corn, had her say. One reason for opposing the motion was that by degrading a person one was degrading the university, but on the other hand, "They were a pretty unsavoury bunch at that time," she said, referring to the Cambridge circle. "Not the sort of men you would like your daughter to marry" or "or even your son," she added to general merriment.

The question to be considered was, would Professor Blunt have

been granted his distinction if we had known then what we know now. By this time there was some question as to whether there should be a vote or the debate should go on.

If the debate is to continue, will the clockwork remain open? a member asked anxiously. The chairman assured him he would not have to go home "In any unfortunate state."

Finally, the motion was put and carried by 246 votes to 147, with 23 abstentions. That Professor Blunt should keep his honour.

With that a great many members of convocation, and the press left, and a much smaller body went on to debate another great issue of our time, overseas students fees.

Climatology weathers the storm

British universities and other research centres must be encouraged to use contract funds from international climatology group, warned this week.

In a report, *Climatic Change*, the group, headed by the chairman of the Government "Think Tank" Sir Kenneth Berrill, concludes that the United Kingdom and international research plans are adequate to understanding the climate.

"We have not identified any major gaps in research coverage," states the report from a team which included Sir Herman Bond, chief scientist at the Department of Industry, and Sir John Mason, director general of the Meteorological Office.

However, United Kingdom researchers should make greater use of funds made available for proposed five-year, £5m, climate research programme to be managed by the Common Market's Natural Environment Research Council should be responsible for drawing attention of institutions to these opportunities," the report states.

In general, the group expects that modest climate changes have little impact on Britain's economy. "We see no need for new coordinating machinery or a formal United Kingdom programme on climatology."

But the report proposes that views of climatology studies be set up annually and that the group remain in existence to provide a forum for this purpose.

The study, which was set up at the permission of the Department of Industry, highlights the likely consequences of increases of 1 to 2 degC—an effect many people fear will result from increases in atmospheric pollution, particularly carbon dioxide.

Estimates indicate that a rise of 1°C in mean annual temperature would decrease demand for heating by 2 per cent, saving £35 million a year at current prices, the report states. This would be balanced by increases in cooling caused by melting glaciers and increases in atmospheric pollution, particularly carbon dioxide.

A Cabinet Office spokesman said the report's conclusions had been accepted by the Government.

BBC promises equal cuts all round

Cuts in educational broadcasting will be higher than cuts in other radio programmes, the corporation said this week.

This assurance followed reports that proposals to cut education broadcasting by as much as 10 per cent are to be submitted to next week's board of governors for consideration.

The economies suggested by the BBC Radio managing director, Mr. Douglas Mangan, proposed cuts in education programmes by up to 10 per cent, and adult education programmes by half.

Continuing education radio, which produced a highly successful literacy and language programme, costs only £600,000 and has been cut only 300 hours of its 1,000 hours of programming. The cuts would save a maximum of about £100,000.

However, this week the BBC managing director, Mr. Douglas Mangan, said that the cuts would be applied to all programmes, not just education. "The proposals to cut education broadcasting came as a surprise to the educational community," he said. "The present feeling is that the BBC are now rethinking the proposals."

Open University programmes will not be affected, he said, because they are paid for by the DES, but they may be cut if the BBC to make way for general programming.

Council row angers NELP director

by David Johnkins

The director of North East London Polytechnic, Dr George Brown, has been criticised by three out of four boroughs that their failure to agree on the size of the cut the college must face in 1980-81 has put him in an impossible position.

It is virtually certain that representatives from Newham, Barking and Waltham Forest will not reach a formal agreement on the resources they can make available to NELP until March 29—only a few days before the beginning of the new financial year.

Dr Brown told the councillors it was impossible to plan until it was known what resources would be available. The director's forceful remarks came as the councillors failed to decide on a plan to phase a 10 per cent cut in the budget over the two financial years 1980-81 and 1981-82.

Two boroughs—Waltham Forest and Newham—have still not met to approve the proposals. The third, Barking, has rejected the plan to make good the short-fall by cutting the "copping" of the advanced further education pool, and has asked for a further £800,000 cut in 1980-81.

Unions of NELP fear that cut-

backs of the scale envisaged will lead to the loss of up to 270 teaching and support staff.

A mass meeting of 800 workers from all five unions of NELP lacked a package of measures including full consultations over the effects of the cuts on staffing. The meeting agreed to seek a non-redundancy agreement from the employers, and that individual unions should prepare for action to safeguard members' interests. One possibility to be explored is a one-day strike.

The unions reject the idea that NELP is a burden on ratepayers. For example in 1978-79, the total contribution by the three boroughs NELP sustains to the authorities that year amounted to nearly £520,000. The unions estimate that the staff and students at the polytechnic generate at least £15m a year in terms of spending in the local economy.

Dr Brown said: "We cannot, in the time involved, make the analysis required without the most appalling consequences for the polytechnic."

Dr Brown continues that a number of contingency plans were in hand—including one to meet the extra out sought by Barking if it was finally agreed.

TUC to go ahead alone with £1m college

A film residential college to train full-time union officials is to be set up by the Trade Union Congress despite a refusal by the Government to contribute to the cost. Mr. Clive Jenkins, general secretary of the Association of Scientific, Manual and Technical Staff, and chairman of the TUC education committee, said this week that the Congress would be asked to endorse the plan this year.

For the venture, but the TUC envisages a 100-bed college mounting short courses for the estimated 3,000 full-time officials of the country's 30,000 to 50,000 full-time shop stewards. Tutors would be drawn mainly from trade union staff, but lecturers in higher education might also be offered secondments.

Mr Jenkins said the Labour government had offered to help finance a similar scheme several years ago, but the new Government had refused. "As a result, the TUC has decided to go ahead alone, raising most of the funds through loans from affiliated unions. ASTMS has already decided to lend £250,000 for 100 years."

The national centre will provide a great boost to the education services available to trade unionists. It will allow us to do more in-depth

courses for union officers and for our key representatives. We will train for—and we will get—the highest standards in this work," Mr Jenkins said.

Several trade unions—including the National Union of Teachers, the General and Municipal Workers Union and the National Union of Railwaysmen already operate their own colleges. But the TUC believes there is still substantial demand for training in trade union skills which is not met.

Courses at the centre will include training in collective bargaining, employment law, using company accounts, dealing with industrial tribunals and relationships with the media. There would also be courses for senior shop stewards on industrial planning, industrial democracy and new technology.

An audience of 2,600 people from the world of education and the arts has been invited to take part in a TUC rally in April to promote the contribution of education and the arts to the quality of life. Mr Len Murray, general secretary of the TUC, and Mr Trevor Phillips, president of the National Union of Students, will be joined by George Mobley, the jazz musician, and the Royal Shakespeare Company Players, who will be performing free in protest at the cuts in education spending.

Poly governors warn council

Governors of Huddersfield Polytechnic have warned Kirklees council not to interfere in its affairs. They are determined to fight exclusion of the sector, Mr. Ken Durrant, from talks with the local authority on the audit report which led to allegations of mismanagement and an attempt by the authority to take over the polytechnic's day to day running.

In his first substantive comment on the affair, the chairman of the Governors, Mrs Jane Carter said: "The audit report does not justify the council's action already taken to remedy any shortcomings."

taking of control of the polytechnic by council officers and members."

Exaggeration in the report was grossly resented, and she rejected the "totally erroneous impression" that the polytechnic was "riddled with corruption and incompetence".

Legal, accountancy and educational experts have advised the governors that the conclusions of the report and demands made subsequently by councillors are not justified. Mrs Carter said:

The council has already been asked to respond to the allegations in the report and specify the action already taken to remedy any shortcomings.

Small colleges survival points to alternative

The ability of small colleges to overcome the obstacles to their survival will be a pointer to the fate of other sectors of higher education, including the universities, Mr. John Barrett, chairman of the college principals' group, said.

Barrett, delivering the week's lecture at York University, said the case for institutions of between 1,000 and 2,000

students to be recognised as a group providing an alternative type of higher education.

"Thirty to 40 such institutions contributing some 40,000 to 50,000 places to the national provision would be a sector of no mean significance," he said.

The colleges and institutes of higher education had developed out of a century and a quarter of ill-defined, ill-achieved aspirations.



Stuart Hopps (left) is to be "choreographer in residence" at the South Glamorgan Institute of Higher Education for three weeks from next Monday. Seen here rehearsing members of the Jumpers Dance Theatre, Mr Hopps will give clowns and lectures to students in all subjects.

Quango hit by loss of top three staff

by Patricia Southwell

The Department of Education's Further Education Unit, a survivor of the quango and civil service manpower cuts, is to be hit by a more invidious blow, the loss of its key staff.

The FEU, which was established in 1977 with the aim of contributing to the general development of further education curricula, is to lose both its director and two leading officers.

Mr Geoffrey Mellish, the director who has steered the FEU since its inception has been recruited from his secondment by the HMI six months earlier than expected because it would be more advantageous to his career.

Both the development officers' contracts run out in July. Mr Geoffrey Stanton, who has been the ministry of work on full-time pre-employment courses which resulted in the document *Basic for Choice*, has been recruited by the ILEA. Mr Ray Thorogood, the second officer, has been mainly responsible for work on further education provision for the young unemployed.

The disappearance of these three staff is not only bound to leave an important gap in the operation of the unit but will also break the continuity of its work. Already the unit is refusing work for after the summer.

The coincidence of events has led to rumours of a conspiracy to reduce the unit's major role in the further education and vocational preparation field.

However, those rumours are strongly denied by the Rev Dr George Tolley, principal of Sheffield City Polytechnic and chairman of the FEU.

Union told to cut officials

The chairman of Oxfordshire's education committee, Brigadier R. S. Streetfield has told Oxford Polytechnic's student union to cut the number of its subnational officers from seven to three and warned that the National Union of Students affiliation fee should be collected from each of the 3,000 students next year rather than paid out of the local authority's grant.

In a letter to polytechnic director Dr Brian Lloyd, it is made clear that in the brigadier's opinion "there are an excessive number of officers of the union on subnational years."

"The chairman feels that three are as many as the county council is likely to accept in future," the letter, from the chief education officer, Mr T. R. P. Brightness, continues.

On NUS affiliation, the letter registers the chairman's "concern" that it is not collected from individual students but paid "indirectly" by the local authority.

The chairman would hope that this practice will not continue beyond the end of the current academic year," the letter says.

The council has not made clear what sanctions it will apply if the student union refuses to comply. "Students have been assured by what they see as a threat that guidelines laid down by the education committee must be followed to ensure the continuation fee."

Union president Mr Sarah Voale described the potential effects of compliance as "obnoxious".

Any action by the authority may well be overtaken by the Government's plans for student union financing.

New calls for national body

Tougher guidelines on all new courses in polytechnics and colleges have led to renewed appeals for a national body to supervise higher education in the public sector.

The Department of Education and Science published a circular instructing that no new courses were to be approved unless there was clear evidence of unmet demand and it could be provided for within existing resources of staff, equipment and accommodation.

Exceptions would be allowed only if the new course met a vocational need and gave students specific employment opportunities.

Mr David Bethel, chairman of the Committee of Directors of Polytechnics, said: "My first reaction is to hope these new guidelines will be applied across the board to higher education and not just to public sector colleges, and to point out that we believe nearly all our courses are designed anyway with the idea of some vocation in mind. This will merely tighten up

existing procedures, but it all depends on what definition of vocational is used. At one time it meant training in 'jobs', 'jobs' and 'medics'."

"This also reinforces what we have been saying consistently for the last three years—that we need some sort of national planning mechanism which will give us an overall strategy on these kinds of problems."

Ms Jean Bock of the National Association of Teachers in Further and Higher Education, said the new circular would be lead to more understanding and suspicion. "The final say on new courses lies with the regional staff inspectors who are accountable only to the DES."

"This circular tightens up both the latter and the spirit of the law. But we cannot assess a criteria that will be used across the country to validate these courses. What we need is a national body that is accountable publicly to do this job."

Library chief calls for decision

An early decision on a new building for the British Library is absolutely imperative. Sir Harry Hookway, chief executive of BL said in his evidence to a select committee on education, science and arts last week.

He told MPs that for the last 25 years the library service had been under tremendous pressure and would eventually give way unless something was done.

As yet, though, the plans for design for the new library at St Pancras Town, London have been ordered, no final commitment to the scheme has been made by the Government.

Pressed by MPs over the recent campaign being waged by a group

of scholars led by Professor Hugh Thomas against the move and for retaining the famous round Reading Room in the British Museum, Sir Harry said it would be impossible to retain it in its present location.

Sir Harry said a group was looking at new technologies coming on to the market which were likely to last for 20 to 50 years.

This British Library was already spending £1m of the £35m budget on research and development aimed specifically at the development of a better central library network. At the moment this was enough but as the operation of the system means might demand greater expenditure. However, this was impossible to forecast, he said.

The closure of their disputer is a letter from Dr Rhodes Boyson, Under-Secretary for Higher Education, to Mr Trevor Phillips, NUS president. In it he appears to rule out national guidelines on the distribution of funds under the new system and makes clear that there will be no Government intervention in cases of dispute over student union funds.

In addition, he says there is no question of negotiation between NUS and the Government about sums to be made available for student unions, either to maintain the current level of support or to meet the needs of the new arrangements or to

Students demand safeguards on new union funding plan

Students from all over the country met in London tomorrow for an emergency debate on the financing of their unions following the emergence of new fears about the Government's proposals on the subject.

Having accepted the framework put forward last week by Mr Mark Carlisle, Secretary of State for Education, the National Union of Students is demanding safeguards on the operation of the system. Following two meetings of the NUS executive this week, the union proposed stern opposition to the latest plans if guarantees were not forthcoming.

The closure of their disputer is a letter from Dr Rhodes Boyson, Under-Secretary for Higher Education, to Mr Trevor Phillips, NUS president. In it he appears to rule out national guidelines on the distribution of funds under the new system and makes clear that there will be no Government intervention in cases of dispute over student union funds.

In addition, he says there is no question of negotiation between NUS and the Government about sums to be made available for student unions, either to maintain the current level of support or to meet the needs of the new arrangements or to

set norms subsequently.

The new system would leave the negotiation of union funds entirely within the institutions concerned, the "only external involvement" coming from local authority representatives for polytechnics and public sector colleges. Per capita fees would be abolished since student unions would become just one of the facilities to be paid for out of an institution's block grant.

After being told that the Government was not prepared to make any representations to Ministers, they will propose that the legal independence of unions from college authorities is assured, that specific funds for unions are earmarked within overall budgets with no representation to Ministers.

They will also propose that the legal independence of unions from college authorities is assured, that specific funds for unions are earmarked within overall budgets with no representation to Ministers.

After being told that the Government was not prepared to make any representations to Ministers, they will propose that the legal independence of unions from college authorities is assured, that specific funds for unions are earmarked within overall budgets with no representation to Ministers.

ONE DAY CONFERENCE

New Developments in Communications Study Skills Teaching

Focuses on City and Guide syllabus for A-level and FE with practical workshops.

Speakers: John Kemp (Wellingborough), Gill Taylor (Gloucester), North East London Polytechnic 22nd February 1980.

Telephone: 01-567 7591 Ext. 35 for details.

COURSES

UNIVERSITY OF KEELE

Applications are invited for the following postgraduate programmes which allow specialisation in relation to Secondary, Further and Higher Education.

MASTER OF EDUCATION

This one-year full-time or two-year part-time course is intended to develop and strengthen the links between educational theory and practice within school and other educational institutions.

M.Sc. IN MATHEMATICS EDUCATION

M.Sc. IN SCIENCE EDUCATION

Available as a one-year full-time or two-year part-time course. It combines research training in Mathematics Education with research in an advanced study of curriculum issues, and includes specialist studies in Mathematics or Science.

M.A. SOCIAL SCIENCE RESEARCH IN EDUCATION

This one-year full-time course combines an examination of the theory and practice of research methodology in the Social Sciences.

The above courses commence October 1980 and are recognised by DES for secondment purposes. Suitable candidates may apply for a Keele Studentship or an SERO award.

RESEARCH IN EDUCATION

Applications are also invited for research, either full-time or part-time, for the degree of M.A. or Ph.D. in the main areas of study including Further Education, Mathematics Education, Science Education and the Social Sciences of Education. Quota SERO awards are available for full-time research.

Further particulars and application forms from:

The Registrar, University of Keele, Keele, Staffordshire ST5 5BG

Council votes to stop recognition of APT

by David Jolliffe

Coverity City Council has voted in principle to stop the recognition of the Association of Polytechnic Teachers (APT). The decision was taken after a long and heated debate. The APT is a body which represents polytechnic teachers and is currently working to secure recognition for its members.

In an effort to pressure the Labour Party into reversing the decision, the 200 APT members at Coventry (Lanchester) polytechnic are being billeted on polytechnic examination papers, boycotts of polytechnic courses, and other measures.

They are also angry that they may be excluded from a meeting this week between Professor John Mitchell, of the Clegg Commission on pay comparability, and members of the National Association of Teachers in Further and Higher Education.

The polytechnic has about 500 teaching staff. Coventry's APT branch secretary, Dr. Humphrey Smith, attacked the decision as "a political motivated and contrary to the express wish of the majority of academic staff."

An official ACAS ballot in 1977 showed that 51 per cent of staff at the polytechnic favoured representation by APT compared with 41 per cent for NAFHE.

Thus, the Labour councillors, of all people, denying a group of the workers the right to collective bargaining by the union they have chosen—and the only one which represents specifically the interests

of polytechnic teachers," Dr. Smith said. Coventry agreed in principle to recognize APT in the summer of 1978, but the decision to withdraw recognition was taken even before the precise details were worked out.

Dr. Smith commented: "There is now a widespread and unprecendented feeling of anger among APT members. For the first time ever proposals for direct action, in protest at the council's outrageous treatment of more than 200 of its employees, are actively being canvassed."

APT members at Coventry have been concerned by suggestions that they could lose their jobs if NAFHE secured a closed shop agreement.

"I do not think there is any serious policy on the part of councillors to bring this about but it is an indication of the council's present state of mind," Dr. Smith said.

But Mr. David Jones, secretary of the polytechnic's NAFHE branch, said: "We have never discussed the closed shop at a branch because we accept the association's national policy that we do not support it. This branch has never pressed for a closed shop and I do not believe it ever would."

He said the branch would be pleased by the decision to withdraw APT's recognition. He could not see why APT should be included in any discussions with the Clegg Commission, as they could not negotiate on pay matters.

Chinese scientists to train in engineering at Cranfield

A total of 18 scientists from the Peking Institute of Aeronautics and Astronautics and other research institutions are to be trained on special advanced engineering courses at Cranfield Institute of Technology this year.

And in return, Cranfield professors are to be invited to go on lecture tours in China and a series of short courses on electronics will be taught by institute staff in Peking this year.

The agreement setting up the exchange follows the recent visit to the institute by the vice-chancellor of the Peking Institute, Professor Shen Yuan. The Chinese had originally proposed to send about 50 staff and students to Cranfield but financial and planning difficulties prevented this.

Now a total of 18 candidates—seven engineers and 11 technicians—will come over at the end of their first year. Cranfield will

Slavists rebuff UGC attack on courses

by Ngai Cragg

The British Universities Association of Slavists has criticized the University Grants Committee report on Russian studies for its ignorance, inconsistency and insults to the academic profession.

The universities are still considering their replies on the report, which recommended that six should lose their Russian departments and that Russian studies should be phased out in a further 13.

Many staff have expressed their determination to fight the closures and at Sheffield, where the university department of Russian may come under the axe, the city council has written to the UGC in support of the continued study of the subject.

Recommendations to phase out Russian studies at Keele, Queen Mary's College, London, Reading, Sheffield, Sussex, and East Anglia are, according to the association, "intensely irresponsible and indefensible."

The choice of university departments which fall into this category is based on no clear criteria, and is manifestly unjust. The 26 lecturers involved, unlike their colleagues affected by other proposals, are not being given the opportunity of being given the opportunity of joining another Slavonic department but are faced

with the termination of their careers as scholars and teachers of Russian and Slavonic studies." Slavonic scholarship would be set back many years if these people were forced to leave the profession.

The association is also critical of the suggestion that there should be an increase in the teaching of English as a foreign language, extra curricular studies, industry and commerce short courses and university administration.

"It is seriously proposed that first-rate Russian scholars should be turned into unwilling and therefore third-rate teachers in other disciplines and into university administrators? The implications of this suggestion constitute an insult to the professionalism of more than one academic field."

They add: "It is seriously considered that the UGC report, evaluating teaching in a purely quantitative way as being synonymous with numbers of students and staff and no attempt has been made to evaluate content, range, originality or success of

courses. Although the UGC mentions the development of non-graduate studies, it seeks to reduce those scholars best fitted to supervise this research."

The UGC report states that the decline of Russian in schools is part of a general trend involving all modern languages, apart from French and that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

North American News

Carter leaves Soviet-American exchange structure untouched

from Clive Cookson

WASHINGTON

Despite the cancellation of Soviet-American scientific and cultural exchanges ordered by President Carter after the Russian intervention in Afghanistan, the exchange structure set up by the American academic community for the exchange of Soviet-American scholars remains untouched.

The UGC has recognized the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.

BUAS says that this indicates the need for a global approach to modern languages in the country's education system as a whole. It also states that the imbalance should be brought to the attention of local education authorities.



Andrei Sakharov's arrest in Moscow has outraged many American academics.

Despite such well-publicised protests, very few American academics have so far turned down planned visits to the Soviet Union, according to a senior state department official. However, he said that he was still much too soon to assess the full impact on the Sakharov affair on academic opinion.

Although the structure of Soviet-American exchanges is quite complicated, it can essentially be divided into two parts. The oldest agreements date back to the cold war, when the United States and the Soviet Union agreed to exchange scientists and scholars.

These agreements were renewed in 1958-59. They involve about 130 scholars a year from each side, of whom about 30 are under the auspices of the National Academy of Sciences (NAS) in Washington and a handful under the auspices of a non-governmental organization called IREX (International Research and Educational Exchanges).

During the warm years of détente between 1972 and 1974, the Nixon administration negotiated 11 new bilateral exchange agreements, each covering a separate area (for example, health, agriculture, transport, energy, environment, etc.). They are bigger than the original programmes, involving about 750 exchanges each way, and rather than basic research they tend to cover applied research and development.

The latter programmes are much more susceptible to curtailment than the IREX and NAS ones, because they are themselves fruits of détente and therefore more liable to be demagogued.

IREX executive director Allen Kassar clearly believes that it would be a tragedy if his programme, which has been running for 22 years through some very

times including the Vietnam War and the Soviet invasion of Czechoslovakia, were damaged by the current crisis. "The whole purpose of establishing IREX was in fact to insulate the exchanges as far as possible from the changing winds of politics. Our exchanges were never conceived of as upholding the behaviour of the other side," said Mr. Kassar.

The most compelling argument for preserving exchanges is of course that they afford access to an otherwise closed society. In the social sciences and humanities they are the only possible means of practical training for American scientists and scholars. For American scientists and scholars, they provide a channel of communication with the intellectual and policy making elite in Soviet Russia.

Although American officials do not like to speak about it in public, another factor that makes them reluctant to drop the exchanges with the Soviet Union is that this would have the indirect effect of further isolating intellectuals and scientists in the other communist countries of Eastern Europe.

In the sciences, most American participants seem to think the Soviets derive more short-term benefits than they do, though they believe the programmes are in the interests of both sides and indeed at mankind in general.

Ironically, the current threat to the exchanges comes at a time when the quality of Soviet participation is, according to Dr. Press, improving. More of the best young Soviet scientists, including Jews, are being allowed to take part, and they are being more forthcoming in areas where Soviet knowledge is most advanced, such as physics, electronics, nuclear fusion and magnetohydrodynamics.

Everyone agrees that early 1980 is a particularly critical period for the future of scholarly relations between the United States and the Soviet Union. More than 40 years ago, the two nations agreed to exchange scientists and scholars. Now, the exchanges are being threatened.

Dr. Press, who is in charge of the exchanges, said that he was still much too soon to assess the full impact on the Sakharov affair on academic opinion.

Dr. Press, who is in charge of the exchanges, said that he was still much too soon to assess the full impact on the Sakharov affair on academic opinion.

Eskimos hit back at alcoholism charge

Three American academics have shocked and outraged the Eskimos of Alaska with a study that shows that they are committing "alcoholism" through drink.

Seventy-two per cent of the 1,800 adult Eskimos living in the town of Barrow on the north coast are "alcoholic" or "suggestively alcoholic," according to Drs. Edward Foulkes, and Samuel Kleiman of the University of Pennsylvania and Mark Moore of Harvard University, and more than half the population has been jailed for drunkenness.

The study links the Eskimo's cultural deterioration to the influence of the American cash wage and bureaucratic structure on a society of aboriginal hunters and fishermen. Similar problems afflict Eskimo communities in northern Canada, and indeed native peoples everywhere by Western civilization elsewhere in the world, but they are particularly severe on the north slope of Alaska because of the oil shale, Boron's oil reserves amount to an average \$20,000 per inhabitant.

The Eskimos start drinking young and children are initiated by their parents into the rights of alcohol. Like hard liquor and when a bottle of whiskey is opened it is bad study found, though they deny it. It is a problem and they accuse him and his colleagues of racial and cultural bias.

"There's a wholesale attack on the validity of our study," said Professor Kleiman. But the sampling method and the Michelson alcoholism screening test (MAST) which is used to determine the level of alcoholism in Barrow have been challenged by the natives. The researchers say that they took a random 10 per cent sample and that the study was valid for cross-cultural epidemiology.

Foulkes, Kleiman and Moore, who were working under the auspices of the centre for research on the acts of men at the University of Pennsylvania, expected an adverse reaction from the Eskimos, though not from the local government, which commissioned the study.

"I can see how holding up this kind of mirror to a community, and calling the attention of the natives to their plight is not a pleasant task," said Dr. Kleiman. "But our study really only puts numbers on what was quite apparent to everyone. I was not terribly surprised that people would be sensitive about the study and reacted negatively—the num-

bers are jarring, they're startling, they are de facto insulting," Dr. Foulkes said. "The report will be drawn out along with the researchers themselves and will be dismissed with simply a racist labelling." He hopes, though, that the anger it has generated will catalyze action to deal with the problem.

"If they threw all the numbers away and just do something about the alcoholism, I will feel not only vindicated but very happy with the results of our research," said Dr. Foulkes. "The problem is so serious, and an severe, that there are no few communities in this area of the Arctic which have a grip on solving this problem. It's rampant, it's killing people—it's genocide. Yet almost a willing genocide."

The study links the Eskimo's cultural deterioration to the influence of the American cash wage and bureaucratic structure on a society of aboriginal hunters and fishermen. Similar problems afflict Eskimo communities in northern Canada, and indeed native peoples everywhere by Western civilization elsewhere in the world, but they are particularly severe on the north slope of Alaska because of the oil shale, Boron's oil reserves amount to an average \$20,000 per inhabitant.

The Eskimos start drinking young and children are initiated by their parents into the rights of alcohol. Like hard liquor and when a bottle of whiskey is opened it is bad study found, though they deny it. It is a problem and they accuse him and his colleagues of racial and cultural bias.

"There's a wholesale attack on the validity of our study," said Professor Kleiman. But the sampling method and the Michelson alcoholism screening test (MAST) which is used to determine the level of alcoholism in Barrow have been challenged by the natives. The researchers say that they took a random 10 per cent sample and that the study was valid for cross-cultural epidemiology.

Foulkes, Kleiman and Moore, who were working under the auspices of the centre for research on the acts of men at the University of Pennsylvania, expected an adverse reaction from the Eskimos, though not from the local government, which commissioned the study.

"I can see how holding up this kind of mirror to a community, and calling the attention of the natives to their plight is not a pleasant task," said Dr. Kleiman. "But our study really only puts numbers on what was quite apparent to everyone. I was not terribly surprised that people would be sensitive about the study and reacted negatively—the num-

bers are jarring, they're startling, they are de facto insulting," Dr. Foulkes said. "The report will be drawn out along with the researchers themselves and will be dismissed with simply a racist labelling." He hopes, though, that the anger it has generated will catalyze action to deal with the problem.

"If they threw all the numbers away and just do something about the alcoholism, I will feel not only vindicated but very happy with the results of our research," said Dr. Foulkes. "The problem is so serious, and an severe, that there are no few communities in this area of the Arctic which have a grip on solving this problem. It's rampant, it's killing people—it's genocide. Yet almost a willing genocide."

The study links the Eskimo's cultural deterioration to the influence of the American cash wage and bureaucratic structure on a society of aboriginal hunters and fishermen. Similar problems afflict Eskimo communities in northern Canada, and indeed native peoples everywhere by Western civilization elsewhere in the world, but they are particularly severe on the north slope of Alaska because of the oil shale, Boron's oil reserves amount to an average \$20,000 per inhabitant.

Eskimos hit back at alcoholism charge

Three American academics have shocked and outraged the Eskimos of Alaska with a study that shows that they are committing "alcoholism" through drink.

Seventy-two per cent of the 1,800 adult Eskimos living in the town of Barrow on the north coast are "alcoholic" or "suggestively alcoholic," according to Drs. Edward Foulkes, and Samuel Kleiman of the University of Pennsylvania and Mark Moore of Harvard University, and more than half the population has been jailed for drunkenness.

The study links the Eskimo's cultural deterioration to the influence of the American cash wage and bureaucratic structure on a society of aboriginal hunters and fishermen. Similar problems afflict Eskimo communities in northern Canada, and indeed native peoples everywhere by Western civilization elsewhere in the world, but they are particularly severe on the north slope of Alaska because of the oil shale, Boron's oil reserves amount to an average \$20,000 per inhabitant.

The Eskimos start drinking young and children are initiated by their parents into the rights of alcohol. Like hard liquor and when a bottle of whiskey is opened it is bad study found, though they deny it. It is a problem and they accuse him and his colleagues of racial and cultural bias.

"There's a wholesale attack on the validity of our study," said Professor Kleiman. But the sampling method and the Michelson alcoholism screening test (MAST) which is used to determine the level of alcoholism in Barrow have been challenged by the natives. The researchers say that they took a random 10 per cent sample and that the study was valid for cross-cultural epidemiology.

Foulkes, Kleiman and Moore, who were working under the auspices of the centre for research on the acts of men at the University of Pennsylvania, expected an adverse reaction from the Eskimos, though not from the local government, which commissioned the study.

"I can see how holding up this kind of mirror to a community, and calling the attention of the natives to their plight is not a pleasant task," said Dr. Kleiman. "But our study really only puts numbers on what was quite apparent to everyone. I was not terribly surprised that people would be sensitive about the study and reacted negatively—the num-

bers are jarring, they're startling, they are de facto insulting," Dr. Foulkes said. "The report will be drawn out along with the researchers themselves and will be dismissed with simply a racist labelling." He hopes, though, that the anger it has generated will catalyze action to deal with the problem.

"If they threw all the numbers away and just do something about the alcoholism, I will feel not only vindicated but very happy with the results of our research," said Dr. Foulkes. "The problem is so serious, and an severe, that there are no few communities in this area of the Arctic which have a grip on solving this problem. It's rampant, it's killing people—it's genocide. Yet almost a willing genocide."

The study links the Eskimo's cultural deterioration to the influence of the American cash wage and bureaucratic structure on a society of aboriginal hunters and fishermen. Similar problems afflict Eskimo communities in northern Canada, and indeed native peoples everywhere by Western civilization elsewhere in the world, but they are particularly severe on the north slope of Alaska because of the oil shale, Boron's oil reserves amount to an average \$20,000 per inhabitant.

The Eskimos start drinking young and children are initiated by their parents into the rights of alcohol. Like hard liquor and when a bottle of whiskey is opened it is bad study found, though they deny it. It is a problem and they accuse him and his colleagues of racial and cultural bias.

"There's a wholesale attack on the validity of our study," said Professor Kleiman. But the sampling method and the Michelson alcoholism screening test (MAST) which is used to determine the level of alcoholism in Barrow have been challenged by the natives. The researchers say that they took a random 10 per cent sample and that the study was valid for cross-cultural epidemiology.

Foulkes, Kleiman and Moore, who were working under the auspices of the centre for research on the acts of men at the University of Pennsylvania, expected an adverse reaction from the Eskimos, though not from the local government, which commissioned the study.

"I can see how holding up this kind of mirror to a community, and calling the attention of the natives to their plight is not a pleasant task," said Dr. Kleiman. "But our study really only puts numbers on what was quite apparent to everyone. I was not terribly surprised that people would be sensitive about the study and reacted negatively—the num-

bers are jarring, they're startling, they are de facto insulting," Dr. Foulkes said. "The report will be drawn out along with the researchers themselves and will be dismissed with simply a racist labelling." He hopes, though, that the anger it has generated will catalyze action to deal with the problem.

"If they threw all the numbers away and just do something about the alcoholism, I will feel not only vindicated but very happy with the results of our research," said Dr. Foulkes. "The problem is so serious, and an severe, that there are no few communities in this area of the Arctic which have a grip on solving this problem. It's rampant, it's killing people—it's genocide. Yet almost a willing genocide."

The study links the Eskimo's cultural deterioration to the influence of the American cash wage and bureaucratic structure on a society of aboriginal hunters and fishermen. Similar problems afflict Eskimo communities in northern Canada, and indeed native peoples everywhere by Western civilization elsewhere in the world, but they are particularly severe on the north slope of Alaska because of the oil shale, Boron's oil reserves amount to an average \$20,000 per inhabitant.

New from SRHE

INDEPENDENT STUDY

Two Examples from English Higher Education

by Keith Percy and Paul Ramsden

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The first of the independent study courses at Lancaster University and North East London Polytechnic, 23,000 from the Society for Research into Higher Education, University of Surrey, Guildford, Surrey GU2 5HX.

The

The Sheffield steel at the core of the AUT's modern structure

In 1919 a certain Mr Rudmose-Brown, who had achieved the rank of captain, wrote to the vice-chancellor of Sheffield University, to which he had now returned, to ask for an immediate increase in salary.

"On my return I find it practically impossible to maintain my house and support my family at my present salary (£300), which has never been raised since my appointment 10 years ago."

Unfortunately one cannot comfort the reader with an assurance that this plea or later ones were successful, as the archives at the university do not contain the replies.

But there is other evidence at least that the vice-chancellor, Dr W. Ripper, was sympathetic. In September of the same year, Professor J. A. Green, of the department of education, wrote concerning a Mr Vickers who had accepted an post at Nottingham which offered him £300 a year, compared with Sheffield's £200.

Professor Green wrote to the vice-chancellor: "It is impossible to attempt to look for a successor at the salary we are paying him. I am distressed beyond measure at the prospect of losing both my men in the coming season with all the new work that is likely to fall upon us. Can you advise me?"

The vice-chancellor wrote his own answer on the bottom of the letter: "I telegraphed to Mr Vickers (who he was presumably on holiday) 'Offer Vickers £300 to stay with us.' Ripper."

Mr B. H. Bentley eventually got a rise of £50 to take him to £350 a year, well below some of his colleagues, despite having given 23 years of service and being of good repute.

Professors and lecturers' salaries varied greatly, not only between each other, but between different universities. Nevertheless, the methods of payments had, at least, moved on from the former system, which consisted of a stipend plus a percentage of the students' fees.

In 1905 the then principal of Sheffield wrote to neighbouring universities to discover what staff were paid. The survey reveals that at Liverpool a mathematics professor was paid a salary of £375 plus two-thirds of students' fees, at Leeds his equivalent got £700, at Birmingham £650, at the Durham College of Science £500, at University College, Bristol, £255 plus one-quarter of the fees, or Nottingham £400 plus £250 from fees and at Manchester £430 plus two-thirds fees.

The correspondence shows that vice-chancellors were at the time anxious to find a system of payment which would reduce the differences between salaries, to prevent jealousies and make it all less haphazard. And they began to be aware of the

Ngaio Crequer on the early struggle by lecturers for a living wage

faced moves by staff to form themselves into associations.

In February, 1918, Dr Ripper replied to a letter from Professor C. M. Gillespie of Leeds which had noted a move for the establishment of a University Lecturers' Association.

Dr Ripper said he knew of no similar move at Sheffield although he thought that such an association was inevitable. "For my own part however I should deprecate the idea that the first business of such an association is the subject of salaries. I am afraid this would give it the character of a trade union and I think that the salary question can be dealt with by united representation apart altogether from the formation of an association."

"There is a united desire on the part of everybody concerned to improve the financial position of university staffs and it seems likely that the Board of Education will require universities to pay adequate salaries to competent men without the need of trade union pressure behind the movement."

But he goes on to say that there is room for an association of lecturers to join the Senate, the organization of the professors, for the purpose of discussing university matters and promoting the welfare of the university.

It did not take Sheffield staff long to catch up with their neighbours. According to an extract from the university's finance committee minutes, March, 1919, a letter was received from the Lecturers' Society. The terms of the letter are not made clear but it was resolved that it would be considered as soon as the Government "replied as to the amount of grant to be made to the university for the purposes of increasing salaries of staff."

In fact a Conference of University Lecturers, which was to lead to the establishment of the Association of University Teachers in June, 1919, first met in Liverpool in 1917. Its early tasks were to draw up a salary scale and to ask the universities to conform with their non-professional staff about the levels.

A proof describing the work and aims of the AUT mentions those subjects which demanded coordinated thought and discussion. These were the autonomy of the universities, adult education, extra-mural teaching, the relation between universities and industries and the methods of teaching.

The Association is also concerned that university teachers should have the same superannuation benefits as school-teachers. Apart from other reasons, the lack of a good scheme prevented migration from one service to another. In 1918 vice-chancellors had been concerned that the overall financial status of teachers in technical and secondary schools made their positions more attractive.

In 1920 the AUT wrote to all vice-chancellors bringing to their notice its resolutions, one of which was a scale of salaries, with three grades for non-professional staff, and recommending a minimum salary for professors.

They also say it should be recognised that university teaching should offer a career apart from the prospect of promotion to a chair. Further salaries should be comparable with those in industry and commerce, especially as the universities were losing men of scientific attainments to industrial organisations.

In 1920 W. H. Hadow, the new vice-chancellor at Sheffield held a meeting with a staff committee and it was agreed that an AUT salary scale would be adopted, with possible slight modification, on an ideal in his mind. He said he was entirely sympathetic to any scheme for raising salaries to an adequate level. But the problem was that such a scheme would have to be agreed by the Privy Council.

He wrote to Dr Ripper to say that almost all salaries were too low, some much too low and they should be raised both because of university policy and to show fair dealing. He did not like the system of sporadic applications; there should be a scheme, publicly announced, with periodic reviews.

That year there was a conference of the Council of the AUT with the heads of University Institutions and non-academic members of university governing bodies. From the early meetings of the AUT, many of its representatives were senior staff of the universities, including vice-chancellors and registrars.

The Sheffield archives show a spirit of close cooperation between the university establishment and the AUT which continued for a number of years.

The question of salaries was the shibboleth. At the above conference, vice-chancellors pointed out their strong support for the AUT scales, although their problem was finding a means of paying them.

The principal suggested that fees might have to go up a little but it would be a disaster if the universities were captured by "well-to-do". But a motion was put recommending the raising of fees by at least 25 per cent.

In February 1922 the University Governors had said it had evidence that some academic staff were living in circumstances quite incompatible with continued efficiency. A large number of them were compelled to seek outside work.

In its Bulletin of November 1922, reflecting on the resignation of 20 per cent in the Government grant to the universities, the AUT states: "We have to admit the obvious reality of the last Government in their attitude to university education."

In a speech that was born not so much in Government offices, but was a reflection of a cynical disbelief in education held by many who were for the moment in a position of influence and power.

In 1924 we begin to see some signs that vice-chancellors are disturbed about the position of the AUT. It seems to be making for itself, a reputation consisting of vice-chancellors and one AUT representative saw the Chancellor of the Exchequer successfully to plead for more money for the universities.

In a letter to a colleague, two years later, Mr Hadow said that the AUT "very nearly upset the boat because they had not consulted the others". In a letter to the vice-chancellor of Liverpool, he says: "The students were stronger. He would give the association all the data it wanted."

OU's Third World arm faces amputation



David Selligman (third from left), a former OU/BBC consultant to the CICS, with participants in a distance learning workshop in India in October, 1978.

The substantial contribution of the Open University to the educational development of Third World countries is being seriously jeopardized by the demands of its Centre for International Cooperation and Services next month.

The centre, which was set up three years ago to expand the work of the university's overseas consultancy service, has failed to cover its costs.

Although the OU has promised to maintain a less costly mechanism, it will be forced to make a drastic cutback in its extensive programme of consultancy advice, workshops and information exchange.

This inevitable reduction in service will have widespread consequences in a number of countries which have relied heavily on the assistance of the centre's staff in setting up their own distance learning systems.

The growing dependence of developing countries on the expertise of the OU has been evident since the university was founded in 1969. Within a very short time its rapid growth and evident success attracted world-wide interest and this was followed by a flood of requests for practical help.

Special interest has been generated in the Third World where rapidly increasing populations, rising human expectations and aspirations have resulted in a stream of students but a shortage of teachers, money and facilities.

But although every British university is expected to involve itself to some extent in international affairs, the OU found it was completely unprepared for the flood of demands which turned out to be far beyond expectation.

No resources had been allocated by the Government to enable the OU to respond to these requests for help, not to cope with the stream of overseas visitors—soon to number 1,000 a year—who began to turn up at the Milton Keynes campus.

Eventually in 1973 steps were taken to set up a small experimental consultancy service as a fee-earning enterprise, which would coordinate responses to requests for advice and assistance. Simultaneously an academic office for the OU was opened in the United States.

The man chosen to open the American office and subsequently head the consultancy service was Professor Michael Noll, who holds a chair in applied educational technology in the OU's Institute of Educational Technology.

Initially the only full-time member of the service's staff, he acted as a form of broker between overseas institutions and aid agencies, and academics within the university had specific expertise.

Altogether over a three-year period the service organised more than 70 projects involving some 100 Open University staff working on assignments in 14 countries and participating in 40 talks at Milton Keynes for another 18.

Paul Ramsden and Keith Percy on the experience of independent study

Students who prefer to go it alone

Would students in higher education benefit from being given more choice over what they learn and how they learn it? Teachers in universities and polytechnics are fond of saying that the courses they provide are intended to encourage students to think for themselves, and that learning in higher education involves students in taking more responsibility for their own studying than learning in school days.

Nevertheless, research into student experience of higher education undertaken during the past ten years suggests that many students feel they would benefit from more freedom to study independently, while there have been various attempts to provide more autonomy in learning—the development of project work in many science departments and the creation of the Open University are just two examples.

Not only two institutions—Lancaster University and the North East London Polytechnic—have taken the radical step of setting up special departments in which students can decide for themselves what they want to learn.

What NELP and Lancaster offer is different: not a new book, based on data gathered from the early years of both schemes, shows how different. Much project work and self-directed learning in conventional higher education courses are highly structured and teacher-dependent; even in Open University courses (which typically provide for a great deal of individual study) the constraints of learning materials, content, and assessment methods allow little independence beyond a degree of student self-pacing.

At NELP and Lancaster, since the early 1970s, some students have been able to choose what they want to learn according to their own goals and interests, and decide, to a large extent, the methods of learning they find more suitable.

The School for Independent Study of NELP was established in 1973 to run a course leading to the award of a Diploma of Higher Education, a qualification recommended by the Government White Paper of 1972 which was to be equivalent in standard to the first two years of a three-year undergraduate degree. The school offered the DipHE, but the NELP version was quite different from a conventional course.

The programme was highly innovative, and aimed particularly at students who were unlikely to benefit from more traditional courses, especially those with learning difficulties. The usual qualifications for university entry, underlying its development was a belief in the need for courses which were more relevant to the needs of students and the local community than conventional courses, a belief which is part of the "polytechnic philosophy".

Its main objectives were: to provide the university of choice with a means of contact with development in the field of learning; to provide a means of contact with development in the field of learning; to provide a means of contact with development in the field of learning.

The centre, under the direction of Professor Neil and deputy director Mr Tony Kaye, of the Institute of Educational Technology, had grown to include six full-time staff, to include six full-time staff, to include six full-time staff.

The students, who enrolled in 1974, were faced with a course without lectures or formal tutorials. They were assigned in a group, but the teaching methods were unorthodox. They spent the first six weeks deciding their objectives, and then signed a contract outlining what they intended to achieve in the course.

In the remainder of their two years they followed two parallel schemes of study. In general studies, they worked together in groups on projects. In the first year, these included a study of enclosed green areas in London and a study of Inverness, in Scotland.

In special topics studies, students worked individually on self-chosen topics; they were supervised by a tutor from another department in the polytechnic. Central studies work was based on the field of the programme. This involved specially designed group exercises, individual work, and assessed by examining the products of the students' studies. Some might be in the form of conventional essays, but more unusually, an exhibition or



The first two years were not without problems. The school, led by Tyrrell Burgess, was determined that its activities should be openly evaluated in order to improve the course. An interview study of students and lecturers' experiences took place in 1975-76. Marked differences were revealed in the tutors' views of what the course ought to be trying to do. While some emphasized the personal development of students and rejected traditional academic criteria, others were troubled about the possibility of anti-intellectualism and felt that the academic development of students should be paramount.

These differences, which were all too clear to the students, created feelings of anxiety. Moreover, nearly all the students spoke of being isolated and unsure because their work did not relate to other students'. Some students were happy to accept the lack of coherence and common aims; most, although they did not want to lose the freedom of choice given by the DipHE, wanted more structure.

They were especially worried about assessment. What was the standard? "Which tutors 'know' it?" Would they be assessed in the same way? Would the qualification be credible in the outside world? Students also raised doubts about the usefulness of the planning exercise, which turned out to be a confusing and frustrating time for most of them.

So, against these difficulties, were the achievements of the course in its first two years. The standard of work produced by many diplomates was—in the opinion of the external examiners—very high indeed. The school created a considerable esprit de corps among its members; they were conscious of being involved in a pioneering venture, and were quick to defend its value. Students interviewed at the end of the course spoke of having gained in personal awareness and of developing their ability to work independently.

If the NELP DipHE was a radical departure from conventional higher education, then so was the programme organized by the School of Independent Studies at Lancaster University.

But it was not the same radicalism. The scheme had its origins in the early 1970s in the proposals of a small discussion group of Lancaster staff.

Although Lancaster offered a more flexible degree structure than the other elite universities, the group wanted to extend this by providing additional opportunities for learning in which students' study schemes were individually determined and crossed the existing divisions between courses and subjects.

The original planning group spoke of ideals of the academic community and of students' learning which they thought were no longer sufficiently recognized in universities. For them, an independent study scheme

was a means of work. It was difficult for students to know if they were progressing satisfactorily.

Student anxiety was caused by uncertainty about assessment procedure, and the division of work into units (necessitated by the Lancaster degree structure) was, in the view of most students and staff, unnecessarily complex. Several students spoke of feeling isolated from other students in the academic community. In its early years the Lancaster School had little coherence as an academic entity in its own right.

Substantial changes have taken place in independent studies at NELP and Lancaster since the evaluation work discussed above took place. At NELP, more clearer objectives and assessment criteria have been set out, much more structure has been given to the whole course. Many DipHE students now go on to a BA degree in the School, for which selection is rigorous. There is also a part-time DipHE.

At Lancaster, the number of full-time academic staff has increased, and attempts have been made to give the school more of a communal identity—for example, a school assembly meets regularly, and students meet in seminars to discuss their work with each other. More guidance is directed to students and to students, especially in assessment matters, is now offered.

Have the two experiments been a success? We think they have. Both are no longer experiments: the Lancaster School of Independent Studies has been established as permanent by the university, and the CNA has approved the NELP DipHE for a full five-year period, and marked the permanent value of independent study by accepting the degree and post-nominal schemes.

In many ways the work produced at NELP and Lancaster is acknowledged to be outstanding, and students who have successfully passed through the two schemes feel that they have gained much from their experiences. Graduates in independent study are to be found in a wide range of different occupations—ranging from the police force to self-employed creative work—and many have gone on to do postgraduate research into their chosen theme. Now that the initial difficulties in the schemes have been largely overcome, we feel confident in urging that Schools of Independent Study could profitably be established elsewhere.

What lessons can be drawn from the two experiments? Firstly, they throw light on the force of radical attempts to innovate in higher education. Both schemes were subject to intense criticism and distrust from parts of their host institutions, and survived only because of a willingness from their prime movers to adapt and to compromise. Nevertheless, mistakes or over-optimistic assumptions were made in the initial planning of both, leading to hardships for some students. Each school has shown itself able to respond to criticism and to adapt to its own needs—students—and has adapted to its own needs.

It is clear that some students at both places coped better than others with their freedom—other institutions planning such programmes ought to bear this in mind. It also seems true that notions of the philosophy and assumptions of such schemes ought to be presented to participants in advance, and from the beginning, if only for them to react against, so that there is a common framework within which they can work. An almost complete lack of structure will be confusing for both staff and students.

Crucial issues for future independent study programmes are assessment and standards. At NELP and Lancaster, students were worried about standards and the form their assessments would take, and about how their work compared with that of other students. To an extent, for all of them, it was the structure and assessment of the scheme which determined the experience and enjoyment of independent study. And at neither institution was there evidence of a genuine movement towards student self-assessment.

The extension of independent study programmes may prove to be limited by the costs involved: by any measurable standards, schemes which involve much individual supervision will cost more than conventional ones. The problem may be solved to some extent, as it has been at Lancaster and NELP, by the voluntary, unremunerated, part-time help of members of staff from all parts of the institution.

The later developments at Lancaster and NELP suggest that there has been a movement away from this early emphasis on spontaneity and pragmatism in independent study programmes to a more overt awareness of a need for structure and common practice. Independent study has become a more formalized institution: the university and the polytechnic proudly point to their Schools of Independent Study as symbols of their innovative initiative.

The problems and issues we have raised do not detract from the value of these initiatives. As they have been published here, some questions of effective student learning which a still expanding system of higher education has yet to confront.

Independent Study: Two Examples from English Higher Education, by Keith Percy and Paul Ramsden, published last month by the Society for Research into Higher Education.

The authors are of the Institute for Research and Development in Post Compulsory Education at Lancaster University.

THE UNIVERSITY BULLETIN.

Issued by the Association of University Teachers.

Vol. 2, No. 1.

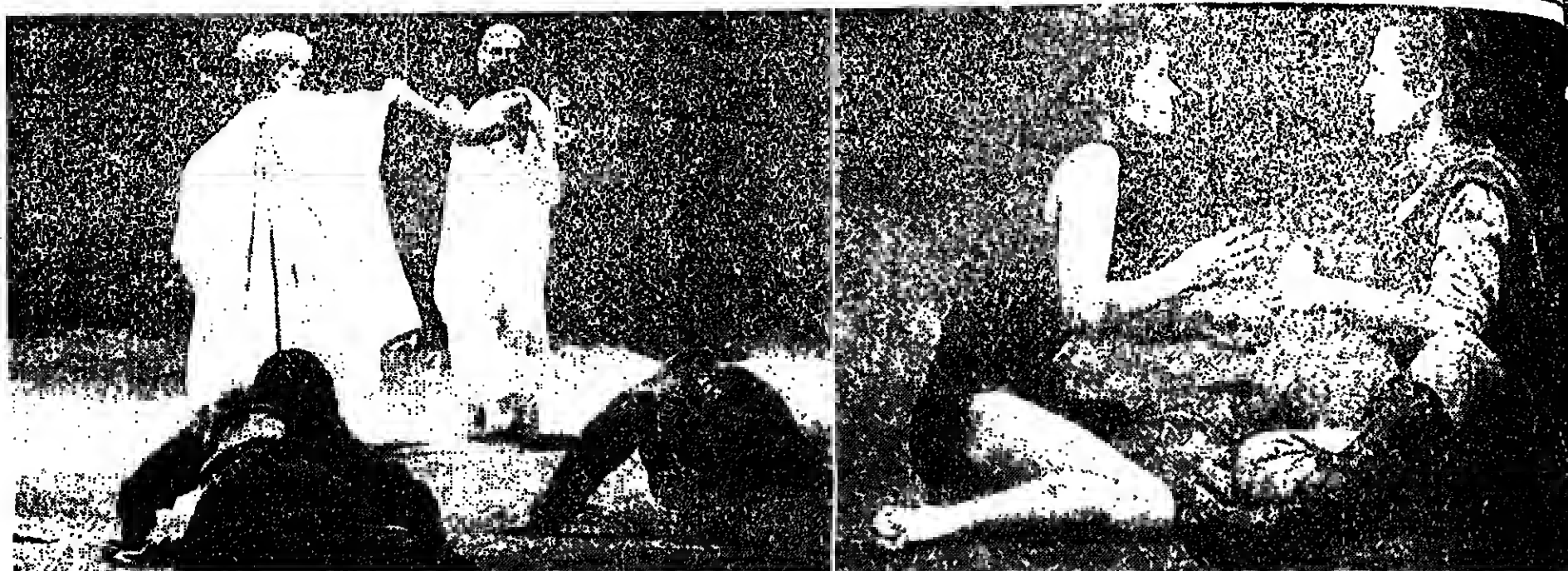
November, 1980.

THE OUTLOOK.

The present moment is one of peculiar difficulty in educational affairs. On the one hand there are signs of uneasiness and uncertainty in the minds of administrators and also clear signs of vitality along many channels of educational thought and action. On the other there are signs of a determined and willful obstruction. On the one side a year of activity beneficial to the East Midlands University, of the healthy history of the new-born Exeter University College, of Redding's determination to leave a Charter of self-governing University open to the public, signs of all of them, of courageous faith and high endeavour. Nor is it without significance that Lord Haldane continues to stress in his selfless talk of independence the value of the independence of adult education, a message which he has carried to every corner of the land, and which seems to find its every place a ready ally. Yet, on the other side, we have to admit the obvious reality of the last Government in their attitude to university education; an apathy that has been born not so much in Government offices, but was a reflection of a cynical disbelief in education held by many who were for the moment in a position of influence and power.

In 1924 we begin to see some signs that vice-chancellors are disturbed about the position of the AUT. It seems to be making for itself, a reputation consisting of vice-chancellors and one AUT representative saw the Chancellor of the Exchequer successfully to plead for more money for the universities.

In a letter to a colleague, two years later, Mr Hadow said that the AUT "very nearly upset the boat because they had not consulted the others". In a letter to the vice-chancellor of Liverpool, he says: "The students were stronger. He would give the association all the data it wanted."



Janel Suzman as Helen and John Shrapnel as Apollo... Lynn Deorth as Electra and Mike Gwilym as Orestes.

The clean, uncluttered, open and steeply raked stage, basically a rectangle with a circle in it that can suggest, at different times, an arena, a meeting place, a sacred grove.

John Napier has designed a set typical of RSC production methods as they have evolved over the last twenty years. So too is the bouzouki and synthesizer music that introduces the first scene, half-Latin American and half pop, ancient and modern.

There was the bare stage, except for a few bushes by a golden mask of bloody Artemis mounted on a totem pole, and around sat women, with heavy, real weaving and embroidery frames—the chorus, but most cleverly broken down into, rewritten lines. Individual voices, some solemn in their telling of the old myths about creation and the violent history of the house of Atreus, some ironic and sceptical, some puzzled, their ensemble playing is unsurpassed and the language is clear, terse and simple. There is a curious tension is created between empty space and a few rich, elaborate, heavy props (swords and spears) and between simple words with colloquial diction and the most heightened inner meaning.

The text of the RSC's evolution has been "The Greeks". It is the greatest triumph of the great company in this great age. English theatrical production and acting, though marvellously not perfect. They say that it was the gods who prompted Peter Hall to bring John Barton from his fellowship at Cambridge in 1958 to Stratford in order that the Greeks would again come to life again; but the gods, both being dubious in themselves and never of one mind collectively, are Robert Travelling, even more bizarre by name than Olympe, with failures (actors) rebelling against his detailed impositions, and chambers of echoes, like his impious "Ward of the Roses" that warned the hearts of men but angered the ghost of Shakespeare, who once again so many strange words put into his mouth. Perhaps it was Shakespeare's sense of justice that led to a long fallow period, with only minor productions, until now.

The plays are mainly by Euripides but with Sophocles's *Oedipus at Colonus* and Aeschylus's *The Oresteia*—offerings to the gods, incidentally, to be meted down and recast.

They are cut and reshaped, for a case of tragedy to test an astonishingly coherent tale, despite many subplots and characters. The symbols and cast list in the programme begins "The story so far..."

And the king who reverts, has used to establish the facts, would take a classical week's work, even had he the full acting text; the publically nymph is being unusually coy in not having copies to lend).

One is convinced as that of the curse of the house of Atreus. Menelaus, who marries Helen, and his brother Agamemnon, who is general of the host who set out to seize her back from Troy, are doomed to expect the sin of their father Atreus in killing his brother's child, and serving them up to him as meat, in revenge for his wife's seduction. Indeed there had been a lot of this in the family, going back to the high gods themselves—Zeus was the original parricide.

An offering fit for the gods

On to this is grafted the Trojan war, rather as the wars in France come to form part of the curse of Bollingbroke. The Trojan war has its own causes: that of the wedding of Achilles, father to the nymph Thetis, the last time of the golden age when gods and men feasted and danced together, the Greeks forgot to ask the goddess of Discord. She produced *Chor* primal apple. But some of the chorus hint that the war was also fought for loot and slaves.

Yet the two orants, the two curses, come together in Euripides's *Iphigonia in Aulis* (the lost to be written, but here it begins the imposed cycle) when Artemis do mounds that before she will give a good wind to take the host to Troy, Agamemnon (John Shrapnel) must sacrifice his daughter, *Iphigonia* (Judy Ruxton). The king is torn, he sees it as an unjust and unnatural act, but also as a consequence of justice, not of necessity or divine command. "Artemis does not say that I must make this sacrifice, but must if I want to capture Troy..."

No Greek drama covers the saga of Troy itself. So John Barton fills the gap. I don't think *Hamlet* should still. Barton produces a good 40-minute film, setting close to the blind bard's original story-line. It is dramatically necessary, as is the simple language of Kenneth Cavendish's actual translations.

The character of Olympe (played by the equally experienced and witty Topsy Church) gains greatly from this colloquiality. Once the play is made to tell the Greek tales and to relate their deepest thoughts, on a fully modern stage, all the follows and classical scholars should rejoice at what is saved from the way they may have at what is lost. As Hecuba (Eliza Ward) remarks, "pragmatic of sorrow always mix with the deepest of joys."

Barton makes a moving human scene of the meeting between Achilles and old Priam who come to beg the body of his dead son for burial. They agree that they must both eat and drink something, for they have a lot of mourning to do. It is an exquisite business. More dramatic than both other that the war is as much about "wealth and trade routes" as it is about Helen.

With so much Freud about, Barton relates this one little Marxist harp; but it is a brilliant and necessary. One of the chorus even thinks that men invent the gods to justify their own worst passions.

Bernard Crick reviews the Royal Shakespeare Company's marvellous production of 10 plays, The Greeks, at the Aldwych. The plays, which are presented as a trilogy, are produced by John Barton. The complete cycle can either be seen during the course of three evenings or in its entirety on one day.

The whole thing had been for nothing. Either men are the toys of the gods or they are being punished for pursuing honour to such despicable lengths. Yet even if Helen is to be mocked and detested, she needs a dignity commensurate with great events. John Shrapnel plays it like a Greek hero, then Euripides. She's very funny, (damn her) and is plainly acting under a star.

They are decked out with baring, undervest and sun tan lotions. Her deadened face is not acting; however, both noble and savage. (She finds it difficult to be both noble and skittish, as her old Clio, and this Helen should have been. They are full types for whom there is little room for error.)

The "Murderers" carries the tale through the killing of Agamemnon by Clytemnestra in revenge for his sacrifice of their daughter, and then her death at the hands of her daughter, Electra (Lynn Deorth). Who needs to calm down a little and her son Orestes (Mike Gwilym), who doubles as Achilles. The killings are off-stage, as with the Greeks, but the RSC backstage men can do more to mutilate a work or a life-size vase full of horror by doubling a living actor with plastic spurs and emulsion blood, so ghastly bodies are dragged back on stage.

Some do not like it. But I think it is right. The horror of violent death did strike home. Alas, mere words can no longer do it. In our age (though like the Athenian fifth century in some ways, so much wisdom and knowledge but so much violence and contempt for life), visual images are needed to remind us that it is not all play. As we think (or fear to think), so we act or so we tolerate injustice and atrocity. This middle section is moving, almost beyond bearing.

"The City is dead, it is gone," says the Trojan woman, amid corpses and broken statues. When they move together, there is the crash of steel, real solid chains around their ankles. The only consolation that Queen Hecuba can find for her woman is that "Troy was not meant to last. If we had not died, struggled and suffered, who would have remembered us?"

Two views of policy are just beneath the surface of these plays. The one is that debate is better than war and that such cities of citizens do not die, struggled and suffered, who would have remembered us?

The third cycle, the third evening or the night of the 10th day, is "The Gods". Here some things go badly wrong. Perhaps the gods

of Shakespeare wrecked vengeance on Barton (not to be assuaged until he produces one of the major tragedies, straight).

You've held them spellbound and serious for six hours—a little comic relief perhaps? Now Euripides's *Helen* can be played in black comedy, but not as far. All that slaughter in Troy for Helen, but she never went there! The gods sent a more sinister war with Paris and hid her away for the duration in Egypt.

The whole thing had been for nothing. Either men are the toys of the gods or they are being punished for pursuing honour to such despicable lengths. Yet even if Helen is to be mocked and detested, she needs a dignity commensurate with great events. John Shrapnel plays it like a Greek hero, then Euripides. She's very funny, (damn her) and is plainly acting under a star.

They are decked out with baring, undervest and sun tan lotions. Her deadened face is not acting; however, both noble and savage. (She finds it difficult to be both noble and skittish, as her old Clio, and this Helen should have been. They are full types for whom there is little room for error.)

The "Murderers" carries the tale through the killing of Agamemnon by Clytemnestra in revenge for his sacrifice of their daughter, and then her death at the hands of her daughter, Electra (Lynn Deorth). Who needs to calm down a little and her son Orestes (Mike Gwilym), who doubles as Achilles. The killings are off-stage, as with the Greeks, but the RSC backstage men can do more to mutilate a work or a life-size vase full of horror by doubling a living actor with plastic spurs and emulsion blood, so ghastly bodies are dragged back on stage.

Some do not like it. But I think it is right. The horror of violent death did strike home. Alas, mere words can no longer do it. In our age (though like the Athenian fifth century in some ways, so much wisdom and knowledge but so much violence and contempt for life), visual images are needed to remind us that it is not all play. As we think (or fear to think), so we act or so we tolerate injustice and atrocity. This middle section is moving, almost beyond bearing.

"The City is dead, it is gone," says the Trojan woman, amid corpses and broken statues. When they move together, there is the crash of steel, real solid chains around their ankles. The only consolation that Queen Hecuba can find for her woman is that "Troy was not meant to last. If we had not died, struggled and suffered, who would have remembered us?"

Two views of policy are just beneath the surface of these plays. The one is that debate is better than war and that such cities of citizens do not die, struggled and suffered, who would have remembered us?

The third cycle, the third evening or the night of the 10th day, is "The Gods". Here some things go badly wrong. Perhaps the gods

of Shakespeare wrecked vengeance on Barton (not to be assuaged until he produces one of the major tragedies, straight). You've held them spellbound and serious for six hours—a little comic relief perhaps? Now Euripides's *Helen* can be played in black comedy, but not as far. All that slaughter in Troy for Helen, but she never went there! The gods sent a more sinister war with Paris and hid her away for the duration in Egypt.

The whole thing had been for nothing. Either men are the toys of the gods or they are being punished for pursuing honour to such despicable lengths. Yet even if Helen is to be mocked and detested, she needs a dignity commensurate with great events. John Shrapnel plays it like a Greek hero, then Euripides. She's very funny, (damn her) and is plainly acting under a star.

They are decked out with baring, undervest and sun tan lotions. Her deadened face is not acting; however, both noble and savage. (She finds it difficult to be both noble and skittish, as her old Clio, and this Helen should have been. They are full types for whom there is little room for error.)

The "Murderers" carries the tale through the killing of Agamemnon by Clytemnestra in revenge for his sacrifice of their daughter, and then her death at the hands of her daughter, Electra (Lynn Deorth). Who needs to calm down a little and her son Orestes (Mike Gwilym), who doubles as Achilles. The killings are off-stage, as with the Greeks, but the RSC backstage men can do more to mutilate a work or a life-size vase full of horror by doubling a living actor with plastic spurs and emulsion blood, so ghastly bodies are dragged back on stage.

Some do not like it. But I think it is right. The horror of violent death did strike home. Alas, mere words can no longer do it. In our age (though like the Athenian fifth century in some ways, so much wisdom and knowledge but so much violence and contempt for life), visual images are needed to remind us that it is not all play. As we think (or fear to think), so we act or so we tolerate injustice and atrocity. This middle section is moving, almost beyond bearing.

"The City is dead, it is gone," says the Trojan woman, amid corpses and broken statues. When they move together, there is the crash of steel, real solid chains around their ankles. The only consolation that Queen Hecuba can find for her woman is that "Troy was not meant to last. If we had not died, struggled and suffered, who would have remembered us?"

Two views of policy are just beneath the surface of these plays. The one is that debate is better than war and that such cities of citizens do not die, struggled and suffered, who would have remembered us?

The third cycle, the third evening or the night of the 10th day, is "The Gods". Here some things go badly wrong. Perhaps the gods

Until recently, I suppose it would have been fair to say that the study of social policy could largely be equated with the study of the Welfare State: of its gradual evolution over the past century or so and of the specific bundle of institutions and programmes which we now call the Welfare State. In other words, the study of social policy has tended to revolve around those institutions and programmes whereby society takes collective decisions about the allocation of resources according to non-market criteria.

The study of social policy also tends to have two other characteristics. First, implicit in much of the academic literature is an optimistically evolutionary view of history. The Welfare State is seen as the child of progress, the gradual, faltering steps which have led to its creation—the battles fought to bring about change, the long campaigns of persuasion—tend to be regarded as landmarks in mankind's advance towards a more civilized form of society.

Second, the academic institutionisation of the study of social policy is largely the creation of the Welfare State. By this I mean that the rise and spread of departments of social administration and policy in universities up and down the country has coincided with the growth of the Welfare State.

All this might suggest a rather cosy symbiotic relationship between the academic policy maker and the study of social policy and the institutions of the Welfare State. It might indicate that our prime function is to train our students in the skills necessary to administer and deliver the social services; to produce, as it were, social engineers who can keep the machinery of the Welfare State running, while adapting the technology to meet changing circumstances or perhaps on occasion inventing new tools for policy makers.

This, however, is at best only a partial description of our role. The reason why the study of social policy is now at what I believe to be a critical stage of its development is that those involved are increasingly being forced to question their own assumptions. Specifically, we are being forced to ask whether the Welfare State—in the institutional form that it has developed in Britain—is an evolutionary triumph or a dead-end product of mankind's advance towards a more civilized form of society.

Let me try to justify this rather large claim—with which many of my colleagues will disagree. I do so, I would like to draw out the meaning of the Greek word *polis* (the city) which is the root of the word *politics*. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny.

Let me try to justify this rather large claim—with which many of my colleagues will disagree. I do so, I would like to draw out the meaning of the Greek word *polis* (the city) which is the root of the word *politics*. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny.

Let me try to justify this rather large claim—with which many of my colleagues will disagree. I do so, I would like to draw out the meaning of the Greek word *polis* (the city) which is the root of the word *politics*. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny.

Let me try to justify this rather large claim—with which many of my colleagues will disagree. I do so, I would like to draw out the meaning of the Greek word *polis* (the city) which is the root of the word *politics*. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny.

Let me try to justify this rather large claim—with which many of my colleagues will disagree. I do so, I would like to draw out the meaning of the Greek word *polis* (the city) which is the root of the word *politics*. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny.

Let me try to justify this rather large claim—with which many of my colleagues will disagree. I do so, I would like to draw out the meaning of the Greek word *polis* (the city) which is the root of the word *politics*. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny.

Let me try to justify this rather large claim—with which many of my colleagues will disagree. I do so, I would like to draw out the meaning of the Greek word *polis* (the city) which is the root of the word *politics*. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny.

Let me try to justify this rather large claim—with which many of my colleagues will disagree. I do so, I would like to draw out the meaning of the Greek word *polis* (the city) which is the root of the word *politics*. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny. It is the word which, in the Greek mind, connotes the community of men who live together in a city, who share a common life, who are bound together by a common destiny.

The social policy man: priest or pragmatist?



Rudolf Klein demonstrates how society's academic analysts have had to take into account a new set of values

growth is the most effective social policy that we have got, then can the social policy strictly defined make more of a contribution to this end? It seems to me that they can. One of the causes of Britain's decline, it is generally agreed, are the rigidities of both the industrial structure and the social system. If we are to make the most of new technologies, then we must be able to reemploy our labour force from declining industries to new industries. This, in turn, means that we have got to cut the social costs to the men and women concerned for other wise, they will quite rationally and reasonably resist change.

The second main item on our new agenda should be the future of the Welfare State itself. We should be asking ourselves to what extent the machinery of the Welfare State has become an end in itself, as distinct from being an effective means towards the achievement of certain social objectives. In the case of the social services, we have no satisfactory means of measuring their outputs. We assume that if we increase the inputs—if we employ more doctors, nurses, social workers or teachers—that this implies an increase in output (whether in terms of quantity or quality).

But is this really so? We do not really know, though we may suspect that the main beneficiaries may as often be the service producers as the service consumers. Added to this, we can be reasonably certain that as services grow in size and complexity, so the costs of co-ordination increase.

I would therefore suggest that we have got to think seriously about dismantling the Welfare State. By this, I do not want to imply that we abandon the policy aims which lead to its creation, but that we question its specific organizational form. Let me illustrate my point. Last year, when I was working as a specialist adviser to the expenditure committee, I looked at the cost of old people's homes. Specifically, we compared the costs in homes run by local authorities and to those run by voluntary agencies.

The cost in local authority homes was 75 per cent higher than in the voluntary homes and rising much faster. Now there may be a variety of explanations for this amazing difference. Local authority homes may have higher standards, the old people in them may be more infirm,

and there may be differences in occupancy practices. But another possible explanation may be that small organizations are more efficient—only because they are less circumscribed by trade-union rules in delivering social services. If that is so, then perhaps we should be thinking much more about the creation of a social market in the provision of social care.

The third item on our agenda, I would suggest, should be the relationship between publicly and privately provided social welfare. One of the most neglected areas in social policy studies is that of State regulation. Let us illustrate that point. Industry, as we all know, produces ill-health (among other things). There are industrial accidents and industrial diseases. If society is collectively concerned about this, it can take in one of two ways. It can assume responsibility directly, by providing health services and sickness absence payments. Or it can legislate to compel industry to improve health and safety of work, and to assume financial responsibility for the consequences of accidents and disease.

So, if we assume that social policy is currently and for the foreseeable future constrained by the inability or unwillingness of governments to raise extra finance through the tax system, one way forward might be to proceed by legislative regulation. And this raises a further issue: what might be called the "internalization of social policy".

Social policy, whether financed through taxation or through regulation, affects the competitive position of industry. Indeed, one of the original aims of the European Community was to harmonize the social policies of its member countries, precisely on the grounds that these affect the competitive position of industry. What Britain can do is therefore affected by what other countries do.

Reading all this, you may conclude that social policy is a very odd form of academic activity. It is clearly not a discipline in the traditional sense, with a clearly defined body of knowledge and theory.

It has rightly been called a "miscellaneous" in that it steals and borrows theories and techniques from other disciplines, its areas of activity are not clearly demarcated. Indeed, the implication of what I have said is that social policy ought not to be defined as a discrete, clearly

defined area—its boundaries set by the Welfare State—but that it should be seen as affected by, and in turn affecting, the political and economic structure of society.

Inevitably, therefore, we must only borrow from other disciplines but intrude on their territory. Traditionally, the study of social policy has been closely associated with sociology; indeed, historically, the development of sociology in Britain can be seen as an offshoot of concern with social policy issues. Now we are increasingly and rightly drawing on philosophy, political theory and political science, economics and organization theory.

It is, then, no single organizing principle—no central intellectual paradigm—which defines the activity known as the study of social policy? If that is an answer to this question, then it is to be found in the area of activity, as in the way in which students of social policy approach their subject. Most of those involved in the activity tend to be concerned with improving or changing the world—not just to studying it. Indeed, one distinguished professor of social policy defined the subject as being about "doing good to people".

This is an obviously unsatisfactory definition: social policy often involves doing "harm" to people, when we lock them up in prisons or mental hospitals, or when we take away their money to finance welfare programmes. But, however inadequate, the definition does underline that the study of social policy involves to some extent the study of society; if we define something as social policy, it is because we believe that there is a gap between what is and what ought to be the case.

The study of social policy, I would therefore suggest, is the first and foremost study of the concept of the "just society" or the criteria by which we should use when we come to our day-to-day work of analysing the actual workings of the social services or of labelling a specific social situation as a "problem". The British tradition of social policy tends to equate the achievement of social justice with the achievement of equality. But this begs a lot of questions. Are we concerned about equality of opportunities? Or about equality of outcomes? Or about equality of absolute value—or are we, for example, prepared to accept

some inequality in return for greater economic efficiency?

So our first responsibility is to worry about the meaning of words: to avoid the slipshod use of language which tends to creep into the debates about social policy. Indeed, this is all the more important since issues of social policy are the subject of day-to-day discussion in the media and Parliament: the line between academic discourse and public debate is difficult to draw in the case of social policy precisely because we do not (fortunately) tend to use an academic language incommunicable in the layman.

Our second responsibility, I would suggest, is to analyse the nature of the choices available in decisions about social policy issues. The difficulty about any concept of the "just society" is that it is multi-dimensional. For example, so we are conscious of social policy but a high premium on the value of democracy, as well as on the value of equality.

But what if there is a collision between the two? In the case of the NHS, our other social policy, for example, we tend to assume that the objective of policy should be to achieve an equitable distribution of resources geographically according to the needs of the population. This implies strict central control over the running process. So we inevitably limit the scope for local decisions, and in doing so, the incentives for people to take part in the decision-making process.

Lastly, I would argue that our responsibility is to avoid the temptation of imposing our own values. In every case, the students of social policy are entitled to have their own values or political preferences, and to take part in political activities designed to bring their achievement about. But if we are concerned with the academic study of social policy, then clearly we should be equally concerned with finding out about the values of other citizens.

We know remarkably little about popular perceptions of the "just society", as distinct from prescriptive academic theories about what the "just society" ought to be. We are alarmingly ignorant about what different people consider to be "fair" or "unfair"—and it may well be that the disillusionment of many academics with the achievements of the Welfare State stems from the fact that their prescriptions of a fairer society are at odds with popular perceptions.

This underlines a central dilemma for those involved in the study of social policy. Should they see themselves as social theologians upholding certain absolute values or as pragmatic thinkers concerned with social engineering? Should they accept the limitations imposed by a social policy which is drawn on philosophy, political theory and political science, economics and organization theory?

These questions are now more acute than at any time in the history of social policy as an academic activity. Given the economic and political constraints I have described, it has become clear that for the study of social policy to be formed by means of social policy, hence the widespread disillusion. So the temptation for the social theologians is to call for the political and economic transformation of society in order to create the environment in which social policy can be based on justice and equality.

As an impatiently pragmatic thinker, I do not share this view. I share neither the optimism of the theologians nor the pessimism of the engineers. I believe that the transformation of society will bring us into the promised land of social justice, nor their pessimism about the lack of scope for creating an acceptable society even within the constraints of the present. The study of social policy will always remain a messy business. It will always involve considerations of political and economic feasibility, of choices among different values, of a desirable aim of policy. Therefore, I would argue, let its fascination. For it is an activity which calls for both imagination and self-discipline—which requires us to be novelists as well as scholars, to be dreaming of society as well as testing those ideas against reality.

The author is professor of social policy at Bath University. This article is based on his inaugural lecture.

BOOKS

Subtle process of conditioning

BRADFORD UNIVERSITY PRESS
J. B. Priestley Library, University of Bradford, Bradford,
West Yorkshire BD7 1DP

BOOKS

The evolutionist and the progress of liberty

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015.

WEST

**WEST
GLAMORGAN**
County Council

Application forms and further details of these posts are obtainable from the Principal, Wool Olin Morgan Institute of Higher Education, Townhill Road, Townhill, Swansea. The closing date for the receipt of completed applications is FRIDAY, 28th FEBRUARY, 1960.

**HEAD OF LIBRARY AND LEARNING RESOURCES
(PRINCIPAL LECTURER GRADE)**

Required as soon as possible, the pool entails responsibility for all the Institute's book and non-book learning resources. Applicants should be conversant with a library management system.

Experience of non-book learning resources. Conditions of Service will be those of the National Joint Council.
(Ref: HE/L1/THEB) Salary Scale: £0,286-9,162 (bvt) p.a.

SENIOR LECTURER IN ENGLISH

Responsibilities will include a major role in the B.A. (Combined Studies) and Dip. H.E. courses and applicants should have initial and higher degree in English and interests in the related areas of literature, language, culture, pedagogy, and in fifteenth and twentieth centuries, and literature and multi-disciplinary studies. Recent teaching experience in a secondary school or college would be an advantage.

John Deale
Director of Education

**EDGE HILL COLLEGE
OF HIGHER EDUCATION**
St Helens Road, Ormskirk, Lancashire
An Associate College of the University of Lancaster

Department of Environmental Studies
TEMPORARY LECTURER II

IN AFRO-ASIAN STUDIES

Applications are invited for the above post tenable from 1 September, 1985 until 31 August 1987. The successful candidate will be required to teach courses in African Studies leading to A.A. Honours and Ordinary degrees. The College is seeking an epistolar graduate with research experience who has specialised in the study of contemporary politics and economic issues in South Africa.

Further details and application forms may be obtained from Prof. R. B. Daniels, Secretary, Rhodes House, Gwynne Avenue, Edinburgh University, Edinburgh EH9 1JH.

Closing date for applications: Friday, 28th February, 1980.

SOUTH GLAMORGAN COUNTY COUNCIL
SOUTH GLAMORGAN INSTITUTE OF

HIGHER EDUCATION (CARDIFF)
FACULTY OF EDUCATION
PHYSICAL EDUCATION DEPARTMENT

FACULTY OF EDUCATION
PHYSICAL EDUCATION DEPARTMENT
Applications are invited from suitably qualified persons for the following full-time appointment for the 1st September, 1980:
LECTURER, GRADE II: PHYSICAL EDUCATION

Salary Scale: Lecturer Grade II—£4,470-£7,149 per annum plus £1,000 monthly comparability supplement.

RICHMOND COLLEGE
The American International
Culture Library

and the teaching of the
for pro- in services cou
a LECTURER in
ENGLISH temporary
year to assist in the acad
and professional courses of
English Department.

[illegible]

degree program in Business Administration and Economics, the largest major in the College. The successful applicant should have academic administrative experience and at least an M.B.A., and a U. N. course. Further details from Principal's Secretary, La Salle Union College of Higher Education, The Avenue, Southampton 800 N. H. Closing date applications, 23rd February 1969.

[illegible]

Librarians continued



WESTHILL COLLEGE

An Affiliated College of the University of Birmingham
Principal: Alan G. Bamford, J.P., M.Ed., F.R.S.A.

COLLEGE LIBRARIAN

Salary Burnham F.E. Senior Lecturer or appropriate N.J.C. Scale

Applications are invited from Chartered Librarians with relevant experience, preferably to include work in Higher Education and with book materials. Post to take effect from 1 August, 1980. Further particulars and details of the form of application are obtainable from the Principal, Westhill College, Weoley Park Road, Selly Oak, Birmingham B29 6LL, to whom they should be returned by 3 March.

Westhill is a member of the Federation of Selly Oak Colleges.

Colleges and Institutes of Technology continued

RE-ADVERTISEMENT

Applications are invited for the post of PRINCIPAL TECHNICIAN FACULTY OF TECHNOLOGY

The person appointed will be responsible to the Executive Head of Faculty for the provision of technical support services to meet the needs of some 10,000 students following a range of courses from Basic Civil to HNC and HND level. In the following main subject areas: Mechanical and Production Engineering, Civil Engineering and Construction, Automobile Engineering, Fabrication, Welding and Metallurgy, Food Studies, Textiles, Electrical and Electronic Engineering.

The Faculty has approximately 30 technicians covering the range of specialties and the postholder will be responsible for their organisation and control.

Candidates should have at least 30 years' proven experience as a technician, after completion of an appropriate qualification, including supervision of technical staff, and should possess a qualification such as Degree, HNC, HND, or City and Guilds Full Technological Certificate in a relevant discipline.

The salary for this post will be in accordance with the NJO Conditions of Service, Grade PO1(1) £28,827-£37,328.

Application forms and further particulars are available from the Staffing Officer, Bradford College, Ormskirk Road, Bradford BD4 5JY, and completed forms, should be returned as to reach him not later than 27 February, 1980.

Bradford College

GLASGOW COLLEGE OF TECHNOLOGY

The Glasgow College of Technology, a major polytechnic institution of higher education, invites applications for the following posts:

Electrical & Electronic Engineering SEN. LECT. 'A'
Qualifications should include post-graduate experience or research preferably with teaching experience at degree and post graduate level. A specialism within power, control, and instrumentation engineering is preferred, but exceptional candidates with specialisms in other areas will be considered.

Law SEN. LECT. 'A'
The person appointed will be required to contribute to the Department's work by way of teaching, research, course development and general administration. Applicants should hold a degree in law. A higher degree and/or a professional qualification would be an advantage.

Mechanical & Civil Engineering SEN. LECT. 'A'
To develop the research and teaching programme relevant to the specialisms of Thermal Fluid Mechanics, Fluid Heat Transfer, Gas Dynamics, Heat Engines, Aerodynamics, Air Conditioning, etc. Candidates must have a proven research record in one of the specialisms.

Mathematics LECTURER 'A'
Candidates should hold a good honours degree, and preferably a higher degree, in a mathematical subject with specialism in either statistics or operations research. Preference will be given to candidates with industrial experience in the field of business operations or quantitative techniques.

Senior Lecturer 'A' £27,800-£36,602 (60p)-£39,846
Lecturer 'A' £24,404-£27,821 (60p)-£33,397
Residence on the salary scale will be given for relevant experience.

Forms of application and further particulars can be obtained from the college concerned to whom completed applications should be returned not later than 20th February, 1980.

Edward Miller, Director of Education, Strathclyde Regional Council.

Q. How can you keep up with 3,000 titles each year?

A. By becoming a regular reader of The Times Literary Supplement.

The TLS reviews approximately 3,000 books every year covering an immense variety of topics—see for yourself from this issue just how wide the subject range is and more important the quality of the reviews themselves.

Our contributors are chosen for their ability to write no less than for their expertise. Our aim is to cut across academic boundaries and national frontiers without diluting intellectual standards and to serve the great variety of alert readers—or rather the great variety of alert, demanding, independent-minded readers.

For the serious reader and booklover, the TLS is unrivalled; for anyone who wants to keep in touch with significant developments in contemporary thought and writing it is indispensable.

Subscription Rates

By surface mail:	Inland	£21.32
	All other destinations excluding Canada, USA and USA	£21.00
By air freight:	USA and Canada	\$45.00
By air mail:	USA and Canada	\$65.00
	Europe	£24.06
	Zone A (North Africa, Middle East)	£27.56
	Zone B (South America, rest of Africa, India, Malaysia (Hong Kong))	£29.80
	Zone C (Australia, Japan, the Pacific)	£32.24

Send this coupon to: The Times Literary Supplement, Subscription Dept., PO Box No 7, New Printing House Square, Gray's Inn Road, London WC1X 8EZ

YES, please enter a one-year subscription (52 issues) to The Times Literary Supplement as indicated.

- ☐ Payment enclosed
☐ Please bill me

NAME (please print)

ADDRESS

CITY/COUNTRY

POSTAL CODE

Time to say enough is enough?

It is right and proper that studies funded from public money should be accountable for that money to the community as a whole. It is right and proper that the community should have a continuing interest in the way that public money is being spent and that the university system for the United Kingdom.

However, sometimes we should say "enough is enough" and that the "endless continuing debates, series of investigations, surveys and reports defeat the purpose for which they are made."

It does seem that over the past few years we have had such a surfeit of debates on the universities and specific aspects of university work that we are being hindered in what we are trying to achieve.

The pamphlets have poured out in their hundreds and the books published in their dozens, committees have sat endlessly and we are bound to ask at this stage what have they all achieved?

For example, there have been a large number of reports dealing with specific aspects of university work and university education and research. Off-hand one can think of the Swann Report No 1 on engineers and scientists; the Swann Report No 2 on veterinary science and veterinary education; the James Report on teacher training; the Rothchild Report on university research; the Ormrod Report on the Finlayson Report, etc.

Salient committees and sub-committees have been set up to investigate and cross-examine the Murray Report on the University of London; the Flowers Report about to

be issued—not to mention the "great debate" initiated by James Callaghan—and the two reports on the universities in the 1990s, and the list can go on endlessly.

Nobody minds very much that these activities take place and I suppose out of this welter might emerge points that can be taken up and implemented. The difficulty is that the mere existence of an investigation, whether it be by a select committee or a committee of inquiry or a Royal Commission, tends to delay any form of definitive action.

In the last couple of years if anyone tried to raise the position of professional engineers they were told to await the Finlayson Report. If you raised university finance you were told to await the Report of the Public Accounts Committee who were dealing with that particular problem.

It has been the whole history of the universities over the past 10 years to have been told, with examples, of a lack of real effectiveness on the grounds that some review of another is taking place.

Yet while we will be inhibited, restricted and put off on one side, governments find no such inhibitions when they wish to take decisive action. When the system of cash limits was introduced into the university system and automatic supplementation for salary increases was ended, there was no consultation; no waiting for some body to report on the desirability or otherwise of the action. The word was issued from Whitehall and that was the end of the matter!

Good intentions are expressed but are never fulfilled in reality. Enquiries are set up by the Government not to take expert advice but to allow different interested groups in having their say—they are set up primarily as a means of delaying decisions. However, if a Report is issued to the Government, liking it will, within twenty-

four hours, have its recommendations accepted. This happened with the Prices and Incomes board report Number 98 which dealt a shattering blow to university pay and conditions.

When the Government is wary of a recommendation it will say that before it makes up its mind it will have to have further consultation with the parties, thereby killing the recommendations they do not like in a process of attrition by lengthy discussions and the seeking of further factual information and by using all the other devices by which delay can occur. These have been revealed very tellingly in the Crossman and Barham Castle diaries.

At the same time, let AUT put forward proposals that give even the tiniest hint of bending some establishment protocol, and one finds that it is difficult to obtain real consultation and if concentrated pressure is exerted on an issue, another committee is set up to consider "all aspects of the problem."

Neither are the universities short of advice. People educated in one particular discipline will use the experience of that discipline to use their own general experience to traverse the whole of the university scene to see what is wrong and what can be put right. At the same time another individual with a different discipline background is going to see exactly the same process and contradictory recommendations and views thus emerge.

We in AUT, who have the responsibility for the well-being of our members and of the universities, are forced into the position of keeping an eye on all these exercises in case something should be used by the Government as an excuse to do something unpleasant. Or we are obliged to reply to what are no more than intellectual criticisms lest it be thought that we are unable to reveal the truth behind these criticisms.

That is why "enough is enough" and we hope that the Government and Parliament will set an example by giving us a period of calm instead of rattling us with a series of inquiries and investigations that take us all precisely nowhere.

Don's diary

Monday

Looking out of my bedroom window, the state tiles on the rows of terraced houses gleam greyly in their wetness at a threatening sky. Waterproof trousers will not be necessary for my 10-minute cycle ride to the university research annex. It is only drizzling. A good start to the week.

Monday is the busiest day. It is the day I like to make up all my notes and bring solutions to the lecture. I start experiments. My current series of experiments is time-consuming, as usual. My test-tubes cannot be left alone for long and I am at their beck and call. Sometimes rewarding, more often depressing. I have to plan my life around them.

I get going that bit later, yet still hope to make the lunch-time seminar. I never know whether I shall make it or not, nor whether I shall be able to stay till the end. Not until the last minute.

Today I do not make it and I am annoyed. This week's perk has gone by the board. I am consoled by the report that it was not a good one.

But in the meantime I have gone up one point in the popularity scale. I have been invisible in turn off a centrifuge in a colleague's favour and condescension are highly esteemed.

All afternoon I keep a close eye on my incubations. I add things to my test-tubes, move them from the work incubator to the cold-room and back again. All at appointed times—to the minute. I give them slow spins in chilled centrifuges or run them at high speed in vacuum-centrifuges. I try not to imagine them spinning round at 65,000 rpm. It is too disorientating and spoils my concentration.

Tuesday

From my bedroom window I see those state tiles gleaming in the deluge of hoistiness and driving rain. Mournfully, I don my cycle clips and waterproofs.

The prior-out brings good news. Progress has been made. Whistling good-naturedly, I set out with the tissue-culture technicians about my cell requirements for the immediate future.

Enough time in the afternoon to get to the library ten-minutes' walk away. It is hard to keep up with the literature, but important. I return to take off an incubation and in keep an appointment with my professor. Biochemists and medical orienteers professors do not always see eye to eye about the way forward but can be an invaluable mix. He is pleased how wide the work, which we both always worry about.

Wednesday

The state tiles are invisible. Ever respectful of freezing fog I give my bike a rest and cautiously make my way to the annex in fur coat and woollen boots.

An old friend calls in at lunch-time to look round. As we eat our sandwiches in the tea-room, she remarks that I can't like my work much as I seem to be changing jobs just about every year.

I say that I enjoy research to the point of addiction and explain to her growing horror and disbelief that cancer research is a precarious career, and you're lucky to stay in the same post in the same city for more than a few years. I agree that it's bad for research and bad for research workers, but point out that it's hard for us to complain too vociferously in case we prejudice our slim chances of further employment. "People ought to know what it's like," she says, pale and shocked. Used to this reaction I give her hot sweet tea and help her downstairs.

The incident causes afternoon tea-break to degenerate into a dispiriting session of moaning. My fellow researchers are in the same tenuous—that is, tenureless—position. We exchange gloomy predic-

tions of hopeless futures and return to the lull feeling old and insecure. Nine of us is much over 30.

I leave in good time to have ten or home and get off to my evening class. I teach a technology course to Open University students. I enjoy it very much, but would I do it on top of a very tiring job, if it did not look good on application forms? But my cynicism runs away with me.

Thursday

My daily view from the bedroom window reveals that some of these state tiles are missing from the terrace opposite. Paper bins and broken branches whip across the roofs at lightning speed. I set off on foot. It is slow progress against force 10 gales.

I collect my cells from the tissue-culture lab. Five hundred million of a sensitive clone of a human leukemic cell-line. Ironically, these cancer cells are hard to keep alive in vitro. Carefully nurtured to a viability of 95 per cent in sterile conditions, I take them away to smash them to pieces.

I want to be sure of getting my coffee-break this morning. It is Thursday and that means New Scientist. New Scientist means news, not at least that is what we will all be thinking. Over the morning brew we read out the situations vacant. But we never hear of that job we want. The job we would travel to the end of the earth to take up. The job we would even live in London to take up. The research post with tenure.

The ritual reading is over quickly and I return to my main problem. Why are some cancer cells hormone-sensitive and some resistant? Accurate research, it is a nuclear effect or will this lead to another development? Is what I see in my print-out or under the microscope real or an artefact?

In some grotesque way, research is addictive. Oh, it's not the nobility of cancer research. That sort of romance doesn't exist—the hole wears heavy after only a few days. I suppose we must all be born optimists.

Friday

I scrape the frost off the inside of the bedroom window and peer at the tiles opposite heaving under their thick weight of snow. Definitely a day for wellies.

I work in a large old terraced house, converted into well-equipped labs. The sterilizing autoclave is in the cellar, the centrifuges in the back-room, the ice-maker and cell-store in the old scullery. Upstairs, the office we all share, the sterile rooms, and the tissue culture lab. The tiny tea-room is the attic. My hiker shed in the old outhouse. "You can keep your modern, soulless, purpose-built labs," we say with rather too much conviction when the Surveyor of the Fabrics has tentatively assured us that the old floor boards won't fall through under the weight of a new piece of equipment. "It's much cosier like this," we say with bravado as the fire officer explains the procedure for descending one by one by sling from the small attic window on to the cobbled back lane below.

But, really, the Victorian building doesn't bother me. Actually, I do prefer it. It's the Victorian attitudes that get to me. The mill-owner, ethic of using workers according to convenience, without taking responsibility for them as people. No career, no security, always moving from job to job. And the detrimental, wasteful effect on the research itself by losing people with specialist experience.

My next job will see me building up again techniques and knowledge in a different area. Who benefits?

For the lost to leave for the weekend, so I turn off all the lights and lock the door behind me.

Liza Soame

The author is a research assistant in a northern university.

Science in America

The journey into space will go on



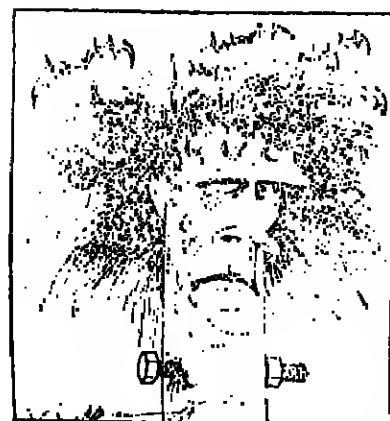
Clive Cookson

Many Americans believe that national aeronautics and space exploration has lacked a real sense of purpose since it triumphed over the sea of the Atlantic in the early days of the 20th century. The space race of the 1960s and 1970s was a period of high excitement and achievement, but it was also a period of high cost and high risk. The shuttle, officially known as the Space Transportation System (STS)—is currently nearly three years behind schedule and its costs have risen billions of dollars since the first shuttle, the Enterprise, was launched in 1981.

The shuttle is a remarkable achievement, but it is also a complex machine. It is a vehicle that can carry a payload of up to 25,000 pounds into orbit, and it can stay in orbit for up to 30 days. It is a vehicle that can be launched on a regular basis, and it can be used for a wide range of tasks, from scientific research to military operations. But it is also a vehicle that is expensive to build and expensive to operate. The cost of the shuttle program has risen from \$1.5 billion in 1970 to over \$5 billion today.

Despite the cost, the shuttle program is still going on. The shuttle is a symbol of American technological achievement, and it is a symbol of the American dream. It is a vehicle that has taken us to the edge of space, and it is a vehicle that has opened up new possibilities for the future. The shuttle program is a testament to the ingenuity and courage of the American people, and it is a testament to the power of the American dream.

Laurie Taylor



"London Weekend, Professor Lapping. Shall I put them through?"
"I... what was that Janet?"
"New to make her say it once more, London Weekend. An smart and efficient sounding. Actually, when you came to think about it most television stations did have such exciting names. Anglo, Type-Tres, Granada, Uamuhigan, Modern. So much more, well, with it, than any old publishers like George Allen and Unwin and Routledge and Kegan Paul."
"London Weekend, Professor Lapping. Jason Clutcock."
"Jason Clutcock. Excellent. He'd had a slight suspicion recently that he was being fobbed off with one or other of the 47 researchers who worked in the LWT academic affairs section. But Jason was the real thing: executive associate director of the fortnightly investigative programme *Hard Probe*, only 191 years old but already with a lower second in comparative ethics from Kent and widely ripped to more up to date deputy programme director since the present series of programmes was "in the can".

"Gordon, you old fart" (inspiring anyone from Melburn holding so refreshingly usefully!) "Jeez... we had a light, didn't we? You should have been there. I must have got through four bottles of red before we even put our noses into it. Then a couple of 'three in there'. Three grapes. Then absolutely rotten into the Zanzibar. Three hours sleep then straight into the autumn schedule meeting."

"Good heavens", adored Lapping. "Actually, got pretty smashed myself last night. Completely passed out in front of the television. Don't remember a thing. Head like a steam-hammer this morning."
"Anyway Gordon... pretty good news. They're keen on the idea. But the title's out. Thought it might be Mike Balfour... you know he's OMD of the CV section and will probably be moving up to deputy associate on local progress to the next reshuffle."

"Well he said 'Staff Aspects of Linguistics'. It sounds like a first year course at some second-rate poly. No offence meant. So most of us went for 'The Dye Get That Acrent?'. Like it?"
"Oh yes, much better. Nearly captures the colloquial slant of the program."
"Good; that was the first thing. Secondly, they didn't like the idea of you as the presenter. They'd like a desk with reference books. Everyone had a look at the pilot and felt it was good as you were, and everyone thought you were a natural, that it was best to go for a professional here. You know, popular from who'll go: everyone interested from the start."

"So that's Nicholas. Rarrrrr... if he agrees... and you'll come into it more as a sort of expert turn. We thought of the idea of putting you into a sort of sound-proof glass-box with 'Professor' written over the door, and then of certain moments in the programme when one of the co-presenters... Oh God, sorry I forgot to mention the idea of co-presenters... anyway when the co-presenters can answer and no one has played the Joker by Knochers, then a gong sounds and Nickers says 'Right! Let's ask the Prof'. Your phone rings in the sound-proof box and you give the answer."

"If you get it right then all the lights flash and we play a few lines of *Three Little Words*. If not... and this isn't fixed but I don't think anyone's done it before, although someone said they'd seen something like it in the States... there'll be a light from Nickers of 'Drum the Prof' and then your host will give you a pretty small pool of water..."

LETTERS TO THE EDITOR

Researchers' access to public records

Sir—The article by Professor Donald Watt (February 1) on government and information appears at an opportune moment, and you may like to know the progress of the inquiry which the Lord Chancellor set up under my chairmanship concerning the selection and access to official records.

At the end of this letter I set out our Terms of Reference, which we have laid before a committee broadly: the members of the committee are Professor Margaret Cowling, Professor of the History of Science at Oxford, and Sir Paul Osmond, Secretary to the Church Commissioners. The Secretary is Mr Graham Aylett, seconded from the Department of Education and Science.

Last year we visited the Public Record Office and major government departments to see their records, to get a first-hand view of what we might have to deal with. Our written inquiries have covered the records of the rest of the bodies generating public records. We have received helpful evidence, both written and oral, from a wide range of researchers and users of public records, some whom, I am happy to say, were Professor Watt himself and the two bodies, the NSRC and the British Academy,

whose interests he specially identified. Our work is now to drill all that we have learned, to complete the examination and discussion of the points which arise, and to formulate recommendations to the Government. There is however just time for any of those with urgent points which they have not put to us to send them to the secretary of the committee at 38 Parliament Street, London SW1A 2NA. It was of course unfortunate that our target date for evidence last year was during the great Times silence, and I can assure you that we will do our best to take full account of any late views we now receive.

Terms of Reference
To review the arrangements for giving effect to the provisions of the Public Records Act 1958 and 1967 which relate to the selection of records for permanent preservation and to subsequent public access to them in the light of:
(1) The requirements of public bodies, of historians and other researchers, and of other users of public records generally, for an efficient records service;
(2) The volume of records generated by Government departments; and
(3) Technological changes in the format and storage of records; and

by both the Academic Council and the Council of Governors "that this (Council/Committee) continue to endeavour to obtain a change in this policy, and meanwhile within the limits of its resources will alleviate the hardship of overseas students requiring assistance." While no one can deny his right to free speech, his article, as Provost of the City of London Polytechnic, will no doubt be taken by many people to be the official attitude of both staff, students and governors.

I would like to clear the record, and point out that not only do NUT, CUG and NATFHE, the Court of Governors and Academic Council oppose full cost fees, but also in the words of one head of department: "If the Provost thinks that full cost fees make sound economic sense then he should sack the lot of the law department, economics department and business department, because they don't agree with him."

Yours faithfully,
ANNE DAVIES,
President,
City of London Polytechnic Students' Union.

Business studies

Sir—I do not understand Mr Hyman, in his article "Business Studies—on the study of Business" (January 25), arrived at the conclusion that: "The great expectations of London and Manchester Business Schools has (sic) produced a grand return, in academic respectability through subject specialisation, unless it was by the following process of false reasoning from faulty facts."

1. London and Manchester Business Schools are attached to universities.
2. Universities are thought to be concerned with academic respectability and subject specialisation.
3. Therefore, London Business School and Manchester Business School must be similarly concerned.

It does not follow that attachment to a university necessarily breeds academic respectability and subject specialisation. Manchester has never had subject specialisation, but always academic respectability in the sense of the term which includes rigorous and relevant research and teaching. Nor is it inevitable that university connexions discourage close working with business organisations. Manchester has been a research and teaching centre for many years, and has a long and successful record in the field of business studies.

Right's reply
Sir—Mr Seldon (January 25) says that the right to do not spring to their feet to read the Times or appear on television. We don't get invited to appear on television, and when we do spring to our pens, our letters are not usually published. And all this is for the very reason that the right to do not spring to their feet to read the Times or appear on television is a pretty small pool of water...

search and teaching. Nor is it inevitable that university connexions discourage close working with business organisations. Manchester has been a research and teaching centre for many years, and has a long and successful record in the field of business studies.

None of this is intended to be critical of any other centres of education and training for management, but intended to set things straight.

I hope the present financial pinch is not going to starve financial education between the further education sectors in management education, especially since colleagues from both sectors can, and do, work successfully together, and with colleagues in management education, in the Association of Teachers of Management. If we are to refer to each other, it behoves each to do so with good academicity.

Yours faithfully,
PROFESSOR TOM LUPTON,
Director,
Manchester Business School.

English Masters

Sir—May I say how heartily I endorse A. S. Byatt's diagnosis of the state of affairs in graduate studies in English and her suggestions for remedy. CPRE and cons of mastering English. *THESE* (January 1)? It is the sort of thing I have been saying for years, but A. S. Byatt puts it more forcibly.

There is just one point in addition. Before her scheme for a new kind of MA, instead of the PhD, could become effective, it would be necessary for Oxford and Cambridge to abandon their anachronistic and unworkable custom of awarding the MA degree on the strength of a BA examination.

Yours truly,
PROFESSOR L. C. KNIGHTS,
37 Jesus Lane,
Cambridge.

Need of technicians
Sir—I was very interested to read Chairwoman Barry's report (February 1) of Mr. James Prior's remarks at a press conference for new Open University graduates. Of particular interest was Mr. Prior's statement that an Open College of distance learning technology should be able to augment the supply of technicians needed by industry.

It may be noted that in this context the word "technician" is used in a different sense from its use in the title of the report. The word "technician" is used in the title of the report to refer to a person who is skilled in a particular technical or scientific subject, and who is able to apply this knowledge in a practical way. The word "technician" is used in the title of the report to refer to a person who is skilled in a particular technical or scientific subject, and who is able to apply this knowledge in a practical way.

Postage threat to publishing

Sir—An important area of publishing, with a wide circulation and a key role in the dissemination of research and information, is threatened by the inefficiency and overmanpower of the postal service. Faced by a recent round of postal increases and with further increases could raise 1981 rates to a level higher than 1979 rates, many of our members are contemplating measures to reduce costs.

The consequences for the academic world of reductions in the number of pages, reduced frequency of publication, and even the appearance of some by-products, are not pleasant. It is an exaggeration to say that the role in the international academic community will be restricted.

Our postal system imposes an equitable burden on the publishers of learned societies, in the form of these publications which fit from preferential rates and overseas. This means that the publishers of learned societies are applying to the postal authorities for a reduction in the rate of postage on their publications. This is a process which is not only time-consuming, but also costly.

We are obviously doing all we can to avoid future postal increases. We are well aware of the fact that there is no bottomless sea of funds in libraries, and that the world wide web is not a magic wand. We are also aware of the fact that the postal authorities are not a magic wand.

Yours faithfully,
MALCOLM CLARKE,
Chairman, Discretionary Committee Association of Learned and Professional Society Publishers.

New Scientist
Sir—While it was nice to see Steven Roso's kind comments in *New Scientist* in his review of life science publications (January 11), he is not the only one who has been kind to me. I have been very busy with my work, and I have not had time to write to you. I am sorry about this.

Yours sincerely,
MICHAEL KINWARD,
Editor, *New Scientist*.

Miller of Holloway
Sir—Once again (February 1) you have given a great boost to the Holloway School of Education. The Holloway School of Education is a very good school, and it is very good to see it being mentioned in the press.

Yours faithfully,
BERNARD ALEXANDER,
City of London Polytechnic.



HIGHER EDUCATION SUPPLEMENT
New Printing House Square, London WC1X 8EZ. Telephone 01-837 1234

The case for a national body

It is difficult to imagine the present mess in the non-university sector of higher education can be sorted out without the creation of some kind of national body for polytechnics and colleges. But this conclusion, far from settling the matter as too many people in local authorities, institutions (and even the Department of Education) seem fondly to believe, raises a large number of awkward questions.

Most people sadly appear either to be unaware of this and blithely believe that the very existence of a national body will solve every question, or myopically ask the wrong questions such as whether the CDF or NATFHE should have more or fewer representatives, what the precise formula for the allocation of money to institutions should be, and so on. Too few people seem to be bothering to ask the really important questions: why do we need a national body in the first place? And what should its role and function be?

The first question is easier to answer than the second. There is a good deal of common ground between those who believe that the local authorities remain Oakes and those who believe that the institutions should be sorted out. The common ground is that the local authorities should be responsible for the non-university sector, and that the institutions should be responsible for the university sector.

We are obviously doing all we can to avoid future postal increases. We are well aware of the fact that there is no bottomless sea of funds in libraries, and that the world wide web is not a magic wand. We are also aware of the fact that the postal authorities are not a magic wand.

Yours faithfully,
MALCOLM CLARKE,
Chairman, Discretionary Committee Association of Learned and Professional Society Publishers.

New Scientist
Sir—While it was nice to see Steven Roso's kind comments in *New Scientist* in his review of life science publications (January 11), he is not the only one who has been kind to me. I have been very busy with my work, and I have not had time to write to you. I am sorry about this.

Yours sincerely,
MICHAEL KINWARD,
Editor, *New Scientist*.

Miller of Holloway
Sir—Once again (February 1) you have given a great boost to the Holloway School of Education. The Holloway School of Education is a very good school, and it is very good to see it being mentioned in the press.

continued control of a crucial margin of expenditure. This Oakes solution eventually attracted a grudging consensus in its favour. Under the present Government the Oakes approach has been scrapped. In its place have been put desperadoes and throbbers, expeditors, "capping the pool" which is a total for possible expenditure in spite of the fact that no satisfactory mechanism for allocation, let alone discrimination, between institutions has been found; and the "broad stave", the new curriculum for manpower planning, exercised through a strengthened but badly informed course approval system. But Oakes, like Banquo's ghost, continues to haunt Mr Cridlands and Dr Boyson. The local authorities remain Oakes and the institutions like Whitehall policy-making by the back of the hand.

So it is reasonably safe to predict that within three to five years some kind of national body will be created for the non-university sector of higher education. But this raises the second and more intractable question: what should the role and function of such a body be? This in turn raises a subsidiary question: should the national body be a new body, or should it be an existing body, such as the University Grants Committee, which is involved in this reform of the non-university sector, and if so how?

The trouble with both the Oakes proposals and present policies for polytechnics and colleges is that they concentrate too much on detailed problems and too little on broad policy. Yet it is in the latter not the former that the real vacuum exists. These detailed problems can be solved, most probably along the lines being followed by the present DES working group which is trying to devise cost norms for particular subjects. They can almost certainly be solved by a reformed UGC, or by a new body, or by a new "pool" as easily as by the creation of new institutions.

What cannot be done in informal and impermanent working groups is to argue about and decide the broad direction that non-university sector and the universities should follow over the next decade. Yet this is the more important task. Far too much attention is being paid to essentially secondary questions of how to allocate resources sensibly and fairly, while the basic question of the broad direction that the non-university sector should follow is being ignored.

The real job of a national body should be a strategic one, not an executive one. The detailed job of allocation of resources should be left to local authorities (and, of course, individual institutions). Indeed it is

considered that the university sector well for the enhancement of local culture and contributes significantly to education at other levels.

Yet in Hiroshima, although only 7 per cent thought their university had been on these counts, a sense of social responsibility, a lively academic institution should always be of value to the community it serves. To dilute its concentration on teaching and research in pursuit of ill-defined ambitions would not be to education or elsewhere could come together to consider matters of common professional concern.

But what about discussions of professional staff that were an essential element in the work of the former ATOs. Hence the proposal that new regional committees for teacher education be established, transitory in character, through which all those concerned with different aspects of teacher education, whether in schools, universities, polytechnics, university or CNAA-validated institutions of higher education or elsewhere could come together to consider matters of common professional concern.

better if the strategic and the allocative rules are not muddled up. A national body should concentrate on the strategic issues, and leave the allocative issues to the local authorities. The national body should be a strategic body, not an allocative body. It should be a body that is able to set the broad direction for the non-university sector, and to allocate resources sensibly and fairly. It should be a body that is able to set the broad direction for the non-university sector, and to allocate resources sensibly and fairly.

Such a body would not decide policy—that would always remain the prerogative of politicians. But it could help to generate more sophisticated alternative policies (as the conduit of higher education opinion and as the educator of politicians), and he the Government's instrument for implementing in broad outline its chosen policy.

If any national body had strategic rather than an allocative role, its relationship with the university sector would assume much greater importance. Clearly many of the issues with which it would have to deal would stray across the blurry boundaries of the two sectors. It would be a body that would be able to set the broad direction for the non-university sector, and to allocate resources sensibly and fairly.

At the very least, it is important to free debate about the need for a national body for non-university higher education from the narrow perspective of the Oakes committee which saw it as an executive, allocative body. The idea of a national body will inevitably dominate policy discussions in the public sector. Broader and more positive interpretations of the idea should be available for consideration.

At the best, the idea of a broader, more strategic national body, possibly covering universities as well as the maintained sector, could be the basis for important progress in the organization of higher education. It could help to break the sterile and constructing linkage between educational role and administrative or financial status. It could allow a more unified view of the future development of higher education without compromising either the role of local government, or the autonomy of the universities. It could be a quite fundamental sense help to reconcile social control with academic autonomy.

Such bodies do not have the libraries, research facilities and professional staff that were an essential element in the work of the former ATOs. Hence the proposal that new regional committees for teacher education be established, transitory in character, through which all those concerned with different aspects of teacher education, whether in schools, universities, polytechnics, university or CNAA-validated institutions of higher education or elsewhere could come together to consider matters of common professional concern.

But what about discussions of professional staff that were an essential element in the work of the former ATOs. Hence the proposal that new regional committees for teacher education be established, transitory in character, through which all those concerned with different aspects of teacher education, whether in schools, universities, polytechnics, university or CNAA-validated institutions of higher education or elsewhere could come together to consider matters of common professional concern.

But what about discussions of professional staff that were an essential element in the work of the former ATOs. Hence the proposal that new regional committees for teacher education be established, transitory in character, through which all those concerned with different aspects of teacher education, whether in schools, universities, polytechnics, university or CNAA-validated institutions of higher education or elsewhere could come together to consider matters of common professional concern.

A touch of professional rethinking



William Taylor

No-one would believe it from the headlines, but professional teacher education is still alive and (falsely) well and living on in 23 universities and a much larger number of polytechnics and other public sector colleges.

New teachers are still receiving their degrees and certificates and finding jobs in schools. The subject education continues to engage the attention and provide the bread and butter of a substantial body of lecturers and tutors. And there are still quasi-governmental and non-governmental, professional and independent groups concerned with the whole business of how teachers are recruited, selected, educated, trained, inducted, deployed, refreshed, developed, reoriented, promoted and prepared for retirement.

Too many organizations? Probably. Do we need any more? Yes, at least one. The explanation, which is unlikely to appeal to sufferers from acrophobia, involves a bit of history.

During this period up to the 1972 White Paper, the mono-technic nature of nearly all teacher education institutions and their grouping (with certain exceptions) in university-based area training organizations meant that the organization of discussion and consultation about teacher education courses and content was relatively straightforward. Developments over the past eight years have radically changed this picture. The disappearance of teacher education as an identifiable sector of higher education, the dissolution of the area training organizations and their replacement by a variety of institutions, the management of recruitment and increased priority for in-service education, have all altered the basis of professional discussion and consultation.

At regional level, the former ATOs provided a framework for consideration of course and curricula within which staff of training institutions, representatives of employers and providing authorities, DES observers and members of the organized profession could take part. It seems unlikely that the gap left by their disappearance can or will be filled by the activities of regional advisory bodies. In what way then these may finally be reconstituted.

Such joint councils for the education of teachers, as a body of curricula and validators, would be concerned not with pool-capping and Crombieing and the other esoteric logistical oris, but with an agenda of professional issues that is already long. What should be the balance between professional and subject elements in concurrent courses? What are the disciplines and elements that enter into useful one-year/three-year/four-year professional course and how should they be related to one another? How can scholastic experience be linked with work in lecture and seminar room and library to constitute a more effective preparation for life in classrooms? What are the implications for teacher education of recent curricula effusions from Elizabeth House? Is there a core curriculum for teacher education?

In the longer run, author matters might concern a CET. Would it be possible to advise Professional Committees on the desiderata that any teacher preparation programme worthy of the name should embody as a condition of recognition as a qualified teacher? Could we have a route, circumventing the existing jam in progress towards a teachers' general council?

But first things first. An appropriate nod for the getting up of a CET from the more serious problems in the future.

suspect, not very effective pattern of liaison committees has grown up between them. Most of them achieved representation on the former Advisory Committee, which met in 1973, but between 1973 and 1978, when it ceased to meet, ACSTT was almost entirely concerned with questions of numbers and teacher supply.

(Recommendations about the organisation and content of the new three and four year BED degrees recommended in the 1972 White Paper were undertaken by an *ad hoc* committee set up by the CNA and UGC, not by ACSTT, which did not hold its first meeting until July 4, 1973.)

With the outlines of the post-1981 minimum system established, it was proposed that ACSTT should turn its attention to questions of course organisation and content. A working party was set up under the chairmanship of the chief officer of the CNA, the report of which was a generally consultative document during the first part of 1978.

ACSTT is about to be reconstituted as the advisory committee on the supply and education of teachers. Is the new ACSTT the right body to assume a national coordinating and consultative role in respect of the organisation and content of teacher education?

Those who believe that ACSET should be the chosen instrument argue that the basis of representation on the committee is established and does not give rise to controversy; it is serviced by the DES and imposes no financial burden on the organization and individuals involved; there is face-to-face contact with Departmental officials and access to Ministers, and as ACSTT, the committee evolved a generally satisfactory pattern of sub-groups and style of working.

This conclusion does not command universal assent. For some, the ACSET will be wrongly constituted for the purpose of discussing professional issues. In particular, the strong representation of local authorities and other maintaining bodies, however appropriate it may be for considering questions of supply and organization, does not best serve the professional task of developing the content of teacher education and training.

By its nature, the committee cannot readily draw upon the specialist knowledge and information that is available within universities, polytechnics and other institutions, or claim independence from departmental service and support.

Those who take this view, and who look for an alternative solution to problems of consultation and coordination, favour the establishment of a new professional organization for teacher education, within which all the providers in the field could make a contribution. They also see it as something which would act as a single point of reference for the local authority associations for ACSET or for the secretary of state on issues relating to the content of teacher education programmes and the structure of professional awards.

Such joint councils for the education of teachers, as a body of curricula and validators, would be concerned not with pool-capping and Crombieing and the other esoteric logistical oris, but with an agenda of professional issues that is already long. What should be the balance between professional and subject elements in concurrent courses? What are the disciplines and elements that enter into useful one-year/three-year/four-year professional course and how should they be related to one another? How can scholastic experience be linked with work in lecture and seminar room and library to constitute a more effective preparation for life in classrooms? What are the implications for teacher education of recent curricula effusions from Elizabeth House? Is there a core curriculum for teacher education?

But first things first. An appropriate nod for the getting up of a CET from the more serious problems in the future.